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Montana

Board of Public Education

MONTANA SCHOOL ACCREDITATION STANDARDS

September

DRAFT
FOR HEARING

November 2-3, 1988

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TABLE OF CONTENTS

NOTICE OF HEARINGS..... Page 1

INTRODUCTION..... Page 1

GENERAL PROVISIONS..... Page 2

RULES..... Page 2

STANDARDS OF ACCREDITATION..... Page 2
Accreditation Standards: Procedures, Rule I..... Page 2
Definitions, Rule II..... Page 2
Curriculum Development and Assessment, Rule III..... Page 3
Alternative Standard, Rule IV..... Page 4
Categories of Accreditation, Rule V..... Page 5

SCHOOL LEADERSHIP..... Page 6
Board of Trustees, Rule VI..... Page 6
Certification and Duties of District Supt., Rule VII. Page 7
Certification and Duties of Building Level Administrator: Principal, Rule VIII..... Page 8
Administrative Personnel: Assignment of District Superintendents, Rule IX..... Page 8
Administrative Personnel: Assignment of Building Administrators, Rule X..... Page 9
Teacher Involvement, Rule XI..... Page 10
Certification, Rule XII..... Page 10
Teaching Assignments, Rule XIII..... Page 11
Library/Media Services, K-12, Rule XIV..... Page 12
Assignment of Guidance Staff, Rule XV..... Page 13
General: Class Size and Teacher Load, Rule XVI..... Page 13
Class Size: Elementary, Rule XVII..... Page 14
Teacher Load and Class Size: High School, Junior High, Middle School, and Grades 7 and 8 Budgeted at High School Rates, Rule XVIII..... Page 14
Professional Development, Rule XIX..... Page 15

EDUCATIONAL OPPORTUNITY..... Page 15
School Climate, Rule XX..... Page 15
Opportunity and Educational Equity, Rule XXI..... Page 16
Learner Access, Rule XXII..... Page 16
Gifted and Talented, Rule XXIII..... Page 17
Special Education, Rule XXIV..... Page 17

ACADEMIC REQUIREMENTS..... Page 18
Basic Education Program: Elementary, Rule XXV..... Page 18
Basic Education Program: Middle School, Rule XXVI.... Page 18
Basic Education Program: Junior High and Grades 7 and 8 Budgeted at High School Rates, Rule XXVII..... Page 19
High Schools..... Page 20
Basic Education Program Offerings: High School, Rule XXVIII..... Page 20
Graduation Requirements, Rule XXIX..... Page 20
Credit: High School, Junior High and Grades 7 and 8 Budgeted at High School Rates, Rule XXX..... Page 21
Distance Learning, Rule XXXI..... Page 21

PROGRAM AREA STANDARDS..... Page 22
Definition, Rule XXXII..... Page 22
District's Responsibilities for Program Area Standards, Rule XXXIII..... Page 22
Cross-Content and Thinking Skills, Rule XXXIV..... Page 22
Learner Goals
Communication Arts, Rules XXXV - LXV..... Page 23
Fine Arts, Rules LXVI - LXXX..... Page 32
Health Enhancement, Rules LXXXI - LXXXVI..... Page 39
Mathematics, Rules LXXXVII - CXIV..... Page 42
Science, Rules CXV - CXXV..... Page 50
Social Studies, Rules CXXVI - CXLVIII..... Page 57
Vocational/Practical Arts, Rules CXLIX - CLXI..... Page 63
Library/Media, Rules CLXII - CLXIX..... Page 71
Guidance, Rules CLXX - CLXXXIII..... Page 74
School Facilities, Rule CLXXXIV..... Page 77
Student Records, Rule CLXXXV..... Page 77
Special Education Records, Rule CLXXXVI..... Page 78

RULE-MAKING PROCEDURES..... Page 78

BEFORE THE BOARD OF PUBLIC EDUCATION
OF THE STATE OF MONTANA

In the Matter of the Proposed Adoption of Rules for the Montana Accreditation Standards	))))	NOTICE OF PUBLIC HEARING ON NEW RULES I THROUGH CLXXXVI FOR THE MONTANA ACCREDITATION STANDARDS

TO: All Interested Persons

1. On November 2, 1988, from 2:00 to 5:00 p.m. and 7:00 p.m. until completion, or as soon thereafter as it may be heard, a public hearing will be held in the Billings Skyview High School Auditorium, 2419 4th Avenue North, Billings, Montana, in the matter of the proposed adoption of Rules I through CLXXXVI, Montana accreditation standards.

2. On November 3, 1988, from 2:00 to 5:00 p.m. and 7:00 p.m. until completion, or as soon thereafter as it may be heard, a public hearing will be held in the Montana Department of Highways Auditorium, 2701 Prospect Avenue, Helena, Montana, in the matter of the proposed adoption of Rules I through CLXXXVI, Montana accreditation standards.

Bracketted statements are not part of the formal rules but will be in the accreditation manual.

From its earliest days as a state, Montana has set standards for its schools. Although the standards have changed throughout the state's first century, they have always reflected the efforts of many Montanans who care about improving education and ensuring the intellectual development and well-being of their most vital resource, their children.

In 1987-88, the state board of public education undertook Project Excellence: Designing Education for the Next Century, a comprehensive review of the state accreditation standards. The result is a set of educational goals and measures that reflect the thinking of Montana's diverse citizens, who carefully considered what should be the instructional component of the state's basic system of quality elementary and secondary schools.

The process of developing accreditation standards is dynamic and is never "finished." These standards will be reviewed regularly and modified when they become obsolete, are impractical, are ambiguous or unclear, or when they are not reflective of sound educational practice.

The new accreditation standards represent a significant shift of emphasis from only quantitative accreditation to a combination of quantitative and process-based accreditation. The purpose of this change is to make local schools and districts more accountable to the people they serve and at the same time give the schools greater flexibility in how they use time, people, resources, and facilities to develop, implement, and assess their own curriculum within the framework of common student goals and expectations for the school environment.

The concepts of equal opportunity and an increased focus on individual learning needs are at the core of the

accreditation standards. The standards also recognize that school leadership and the school's physical and instructional climate contribute positively to students' attitudes and learning.

Finally, the new accreditation system affords the benefit of a built-in mechanism for school improvement statewide. The standards are an approval system that spurs continuous program evaluation and modification for greater school effectiveness. In essence, each school assesses itself, in accordance with the standards, and identifies areas of accomplishment and needed improvement. In this way, Montanans are assured that their schools constantly strive for high performance at all levels of instruction.

CHAPTER 55
STANDARDS OF ACCREDITATION
Sub-Chapter 6
General Provisions

The state board of public education is responsible for establishing and maintain standards for all public schools in Montana. The standards guarantee students the benefits of attendance in accredited schools and provide a basis for transfer. The accreditation standards are reviewed regularly and are published annually.

3. The rules as proposed to be adopted are as follows:

RULE I ACCREDITATION STANDARDS: PROCEDURES (1) The board of public education adopts standards of accreditation on the recommendation of the state superintendent of public instruction.

(2) The board and the office of public instruction establish procedures and schedules for reviewing the accreditation status of each school annually. (Eff. 7/1/89)

(3) For school year 1989-90, accreditation will be based on the school's submission of the fall report and a preliminary plan for meeting the new standards. The fall report shall reflect the required standards the school is currently meeting, and the preliminary plan will explain how the school will meet those standards which become effective in subsequent years. The preliminary plan will be submitted to the office of public instruction by December 1, 1989. An assessment of the plan will be included in the office of public instruction's recommendation of accreditation status to the board of public education. (Eff. 7/1/89; Repeal 7/1/90)

RULE II DEFINITIONS. (1) For the purposes of this chapter, the following terms apply:

(a) "At risk" means children and youth whose present status, or whose predictable status, would indicate that they might fail to make successful transitions in school and/or to a productive adulthood.

(b) "Building administrator" means a person who is a part of the school's administrative or supervisory staff and who holds a class 3 certificate and is appropriately endorsed.

(c) "Combined school district" means an elementary district and a high school district which are combined for district administration purposes. Most town school districts in Montana would fit this category, i.e. Helena, Hamilton, Whitehall.

(d) "Deviation" means a citation of noncompliance with any given standard.

(e) "Distance learning" means instruction which takes place when the learner is distant from the instructor and/or instructional materials.

(f) "Effective schooling practices" refers to that body of knowledge known as "Effective Schooling Practices" and generally means schooling practices which include a clearly defined curriculum; focused classroom instruction and management; firm, consistent discipline; close monitoring of student performance and strong instructional leadership.

(g) "Facilitator" means a person, either certified or noncertified, who assists students in receiving distance learning instruction.

(h) "Independent elementary school district" means a district organized for the purpose of providing public education for all or any combination of grades kindergarten through 8. (Eff. 7/1/89)

RULE III CURRICULUM DEVELOPMENT AND ASSESSMENT. (1) Local school districts are responsible for defining and organizing the program area learner goals of the accreditation standards into specific curricula and for extending them to help students meet the challenges of the future. Student assessment shall be used to examine the program and ensure its effectiveness.

(2) In all program areas and at all levels, the school district shall:

(a) Establish curriculum development and evaluation processes as a cooperative effort of personnel certified in the program area and trustees, administrators, teachers, students, specialists, parents, community and, when appropriate, state resource people.

(b) Develop, in accordance with the schedule in subsection (3), written sequential curricula for each subject area. The curricula shall address learner goals from the standards and district educational goals.

(c) Construct curriculum with equal emphasis on the three parts of education: content, skills and thinking.

(d) Review curricula annually and modify as needed to meet educational goals.

(e) Establish a curriculum cycle and timelines for curriculum development and evaluations.

(f) Select materials and resources that are consistent with the goals of the education program. These materials

shall be reviewed at least every five years.

(3) Beginning the school year 1991-1992, schools shall have at least one program in conformance with the curriculum development process and continue to align at least one program a year until the school year 1999-2000, when all programs must be in alignment with the above curriculum development process.

(4) In all program areas and at all levels, the school district shall:

(a) Assess, in accordance with the schedule in subsection (5), student progress toward achieving learner goals including:

(i) the content and data;

(ii) the accomplishment of appropriate skills; and

(iii) the development of critical thinking and reasoning in equal weight.

(b) Use assessment results to improve the educational program.

(c) Use effective and appropriate tools for assessing student progress. This may include but is not limited to:

(i) Standardized tests;

(ii) Criterion-referenced tests;

(iii) Teacher-made tests;

(iv) Ongoing classroom evaluation;

(v) Actual communication assessments such as writing, speaking, and listening assessments;

(vi) Samples of student work and/or narrative reports passed from grade to grade;

(vii) Samples of students' creative and/or performance work;

(viii) Surveys of carryover skills to other program areas and outside of school.

(5) Beginning the school year 1992-1993, schools shall have at least one program in conformance with the assessment process and continue to align at least one program a year until the school year 2000-2001, when all programs must be in alignment with the above assessment process. (Eff. 7/1/89)

(6) Beginning 7/1/92 schools shall conduct follow-up studies of graduates and students no longer in attendance. The study results shall be incorporated into curriculum development and shared with staff and school consultants. (Eff. 7/1/92)

RULE IV ALTERNATIVE STANDARD (1) Any school may apply to the board of public education through the office of public instruction for permission to use an alternative to any standard, section of standards, or the entire set of standards, excluding required learner-goal standards or standards pertaining to law or certification requirements. To do so, the school shall provide the office of public instruction evidence that the opportunity to meet the accreditation standards' learner goals are at the core of its curricula--that is, that the school has put in place curriculum and assessment procedures which give students opportunities to meet the stated goals and which have been the

results of the curriculum development process as outlined in the standards. The board of public education may withdraw its permission of the alternative program at any time if experience shows it no longer provides an educationally sound alternative.

(2) Permission to use an approved alternative shall be granted for one year and is renewable for up to an additional five years without special approval, if both the school and the board of public education find the one-year pilot to be workable and educationally sound.

(3) The school shall include an update on its alternative program(s) in its annual report to the office of public instruction.

(4) Approval of an alternative standard shall be done by the board of public education in open meeting, which provides opportunity for public comment on each school's application for use of the alternative standard. (Eff. 7/1/89)

RULE V CATEGORIES OF ACCREDITATION [Schools may be accredited according to five levels of compliance with accreditation standards:] (1) PROJECT EXCELLENCE accreditation: The school shows an outstanding dedication to education. Staff are certified, appropriately assigned, and utilized to the fullest extent possible. Specialists, support personnel, and resources are used to enrich the basic program. The school uses "effective schooling practices." There is cogent professional development. The school trustees, staff, parents, and community work together to provide a quality education. The community is involved in designing an effective program, providing resources for enrichment of the program, and generally encouraging a stimulating and positive learning environment.

(2) Regular accreditation: The school meets the requirements for regular accreditation. Its program reflects the standard's learner goals. The staff is certified, appropriately assigned, and fully utilized. The school program and resources are adequate. Facilities meet appropriate standards. The school trustees, staff, parents, and community work together to provide a quality education. Regular accreditation is for one year.

(3) Regular accreditation with note of minor deviations: The school meets most of the regular accreditation standards, but there are deviations from the standards that are of a minor nature. Regular accreditation with note of minor deviations will be for one year. If deviations are not corrected, the school may be moved to advice status.

(4) Accreditation with advice status: The school exhibits serious and/or numerous deviations from the standards. The school must submit an improvement plan developed by trustees, administrators, teachers, parents, and the community, to the office of public instruction. If a school is on advice status for two years and continues to have serious and/or numerous deviations, it will move to deficiency status.

(5) Accreditation with deficiency status: The fifth level is for schools that have been on advice status for two years and continue to have serious and/or numerous deviations, or have substantially increased the seriousness of deviations over the previous year. A school that employs a noncertified teacher, that has a facility that creates an unhealthy environment with safety and health hazards, or that provides an inadequate learning environment will be placed on deficiency status. The school administrator and the chair of the board of trustees must come before the board of public education with an improvement plan and a systematic procedure for correcting the deviations noted.

(6) Nonaccredited status: If a school is on deficiency status and fails to document improvements, its accreditation may be rescinded. (Eff. 7/1/89)

Sub-Chapter 7
School Leadership

RULE VI BOARD OF TRUSTEES [Public education in Montana is accomplished by the formation of school districts governed by boards of trustees, who make policy, establish elections, propose levies, and approve expenditures, and who serve at the will of the electorate according to the Montana Constitution, the laws of Montana, and the Administrative Rules of Montana of the board of public education and other pertinent state agencies.] (1) The board of trustees shall ensure that the school district complies with all local, state, and federal laws and regulations. (Eff. 7/1/89)

(2) The board of trustees will review the state accreditation standards annually and provide in each school building at least one copy of the standards for staff and public review. (Eff. 7/1/89)

(3) Each school district shall have in writing and available to the public:

(a) Clearly articulated policies that cover all aspects of operations. (Eff. 7/1/91)

(b) A comprehensive philosophy of education which reflects the specific learning needs of students. (Eff. 7/1/89)

(c) Goals which reflect the district's philosophy of education. (Eff. 7/1/89)

(d) Sequential curricula for each program area which address the accreditation standards' learner goals and the district's educational goals. (Eff. 7/1/2000)

(e) Policies establishing student assessment procedures which ensure evaluation of the school's curricula. These procedures shall specify how and when data are to be collected, analyzed, and reported. (Eff. 7/1/91)

(f) Policies which delineate the responsibilities of the board, superintendent, and personnel employed by the school district. The trustees shall review these policies annually and make them available to employees and the public. (Eff. 7/1/89)

(g) A policy on student, parent, and school employee due process rights. (Eff. 7/1/89)

(h) An equity policy. (Eff. 7/1/89)

(i) A transfer policy for determining the appropriate placement of incoming students. (Eff. 7/1/91)

(j) A materials selection policy, including a challenge procedure, for all curricular and support materials. (Eff. 7/1/91)

(k) A copyright policy. (Eff. 7/1/91)

(l) A policy that defines the use of school facilities and resources. (Eff. 7/1/91)

(4) The board of trustees shall evaluate the above policies on a regular basis. (Eff. 7/1/91)

(5) The board of trustees shall have valid, written contracts with all regularly employed certified administrative, supervisory, and teaching personnel. (Eff. 7/1/89)

(6) The board of trustees shall have written policies and procedures for regular and periodic evaluation of all school personnel. The individual evaluated shall have a written copy of the evaluation, the opportunity to respond in writing to the evaluation, and access to his/her files. Personnel files shall be confidential. (Eff. 7/1/89)

(7) The board of trustees shall use its best efforts to establish conditions that contribute to a positive school climate and morale by encouraging cooperative and harmonious relationships among staff members, students, parents, and community. (Eff. 7/1/91)

(8) To enhance a positive learning environment, the board of trustees shall use its best efforts to:

(a) Establish a system to keep parents/guardians up to date on students' progress.

(b) Use technology and equipment to facilitate management and instruction.

(c) Guarantee that interscholastic and intramural activities and associated youth programs are used to enhance but not supplant instruction. (Eff. 7/1/91)

(9) To ensure continuous education improvement, the district shall conduct a district self-evaluation program every five years. (Eff. 7/1/91)

RULE VII CERTIFICATION AND DUTIES OF DISTRICT SUPERINTENDENT (1) The district superintendent shall:

(a) Be certified in accordance with state statutes and board of public education rules.

(b) Be responsible for selecting and assigning all school employees and for the administration and supervision of the educational program, subject to the approval of the board of trustees.

(c) Propose district goals and priorities for improvement, subject to the approval of the board of trustees.

(d) Oversee curriculum planning and ensure district continuity in implementation.

(e) Collect and summarize district-wide information, including student performance data. (Eff. 7/1/89)

RULE VIII CERTIFICATION AND DUTIES OF BUILDING LEVEL ADMINISTRATOR: PRINCIPAL (1) The building administrator shall:

(a) Be certified in accordance with state statutes and board of public education rules.

(b) Have at least three years teaching experience at the level (K-8, 5-12) assigned as administrator.

(c) Use his/her best efforts to:

(i) Provide instructional leadership.

(ii) Exercise vision in defining and accomplishing the school's mission.

(iii) Ensure that teachers have high expectations for student achievement.

(iv) Stress the importance of parents' and students' roles in academic success.

(d) Involve staff and others in decision making and in setting, accomplishing, and assessing educational goals.

(e) Carry out the district's policies and procedures.

(f) Be responsible for the effective day-to-day operation of the school, including the management of finances, materials, and human resources. (Eff. 7/1/89)

RULE IX ADMINISTRATIVE PERSONNEL: ASSIGNMENT OF DISTRICT SUPERINTENDENTS (1) For assignment of district superintendents prior to 7/1/92 see Rule X(1). (Eff. 7/1/89; Repeal 7/1/92).

(2) Beginning 7/1/92 a combined elementary-high school district with fewer than 4 FTE certified staff shall employ a district superintendent on a full- or part-time basis. An independent elementary district with fewer than 4 FTE certified staff may employ a district superintendent on a full- or part-time basis or they shall use the county superintendent.

(3) An independent elementary district with 4-11 FTE certified staff shall use the county superintendent or employ a half-time district superintendent in addition to the building administrator. If properly certified, one full-time individual may fulfill the position of district superintendent and building principal.

(4) A combined elementary-high school district or a county high school district with 4-11 FTE certified staff shall employ a half-time district superintendent in addition to the building administrator. If properly certified, one full-time individual may fulfill the position of district superintendent and building principal.

(5) A combined elementary-high school district or a county high school district or an independent elementary district with 12-29 FTE certified staff shall employ a half-time district superintendent in addition to the required building administrator.

(6) A combined elementary-high school district or a county high school district or an independent elementary district with 30 or more FTE certified staff, or 551 or more students, shall employ a full-time district superintendent.

(7) A combined elementary-high school district or a county high school district or an independent elementary district with 100 or more certified FTE shall employ a full-time curriculum coordinator to supervise the educational program.

(8) Any district may seek alternatives to the above requirements including sharing a district superintendent (see "Alternative Standard," Rule IV). Where a district superintendent is shared, one superintendent may serve all the cooperating districts. (Eff. 7/1/92)

RULE X ADMINISTRATIVE PERSONNEL: ASSIGNMENT OF BUILDING ADMINISTRATORS (1) Prior to 7/1/92 requirements for the services of principals are determined by enrollments of schools or school districts.

(a) Any school with an enrollment of fewer than 150 students and not under the supervision of a district superintendent shall provide for supervision at the minimum average of two days per teacher per year through the office of the county superintendent.

(b) In any school district with a combined elementary and secondary enrollment of more than 50 but less than 150 students and where the superintendent serves as both elementary and secondary principal, the superintendent shall devote half time in each school to administration and supervision.

(c) In any school district where the combined elementary and secondary enrollment exceeds 150 but is less than 300, the superintendent may serve as half time elementary or high school principal. The district must employ a half time elementary or high school principal for the other unit in the district. The superintendent shall devote half time as principal of the assigned school. Or, in any school district where the combined elementary and secondary enrollment exceeds 150 but is less than 300, and where the superintendent serves as both elementary and secondary principal, the district must employ a half time administrative assistant. The administrative assistant shall be defined as a person who holds a bachelor's degree and presents evidence of working toward the administrator's certificate on a planned program. If an administrative assistant is employed in lieu of a principal, the assistant must have already completed at least 15 credits in an approved administrative program leading to the principal endorsement. The district must ensure that the administrative assistant (intern) shows continued progress in that role within a three year period.

(d) Any elementary or secondary school with an enrollment of 150 to 300 shall employ a principal (in addition to the superintendent) who shall devote half time to supervision and administration.

(e) Any school with an enrollment exceeding 300 shall employ a principal (in addition to the superintendent) who shall devote full time to supervision and administration.

(f) Any junior or senior high school with an enrollment of over 500 students shall employ an assistant principal who shall devote at least one half of each school day to supervisiion and administration.

(g) Any elementary school with an enrollment of over 650 students shall employ an assistant principal who shall devote at least one half of each school day to supervision and administration. (Eff. 7/1/89; Repeal 7/1/92)

(2) Beginning 7/1/92 schools shall employ appropriately endorsed building administrators as follows:

(a) A supervising teacher/county superintendent for schools with less than 4 FTE certified staff

(b) .5 FTE for schools with 4-11 FTE certified staff.

(c) 1 FTE for schools with 12-29 FTE certified staff or 250-550 students.

(d) 2 FTE for schools with 551-1050 students.

(e) 3 FTE for schools with 1051-1550 students.

(f) 4 FTE for schools with 1551-2050 students.

(g) 5 FTE for schools with 2051 or more students. (Eff. 7/1/92)

(3) Beginning 7/1/92, in schools with more than one building administrator, the first administrator shall be appropriately endorsed as a principal. The additional administrators may have other administrative endorsements at the appropriate level that accurately reflect their supervisory responsibilities. For example, a school may assign properly certified and endorsed curriculum coordinators to supervise the appropriate instructional programs. (Eff. 7/1/92)

(4) Beginning 7/1/92, in schools with at least three FTE building administrators who are administratively endorsed, release time of department coordinators or chairpersons may be counted toward additional building administration. Department coordinators or chairpersons counted toward building administration shall not supervise or evaluate classroom instruction. (Eff. 7/1/92)

RULE XI TEACHER INVOLVEMENT (1) Teachers shall be involved in curriculum development and student assessment and in the promotion of a school climate that enhances student learning, achievement, and well-being. (Eff. 7/1/89)

RULE XII CERTIFICATION (1) All teachers shall hold valid Montana teaching certificates. Administrators who teach also shall hold teaching certificates. All supervisory personnel shall hold appropriate certificates.

(2) An emergency authorization of employment is not a valid certificate; it is granted to a district which, under emergency conditions, cannot secure the services of a certified teacher.

(3) All school psychologists must be certified with a Class 6 specialist certificate.

(4) Study hall supervisors and teacher aides need not be certified. However, an instructional aide assigned to a classroom shall be under the direct supervision of that classroom's teacher. Direct supervision means that the aide must be responsible to a certified teacher who has the legal authority to give grades, etc., for a group of students. The legal teacher must be present at school while the aide is fulfilling his/her responsibilities and must not be simultaneously assigned to another teaching duty.

(5) In accordance with state law, salary shall be withheld from teachers who have not registered their certificates in the office of the county superintendent within 60 calendar days after their term of service begins. County superintendents shall receive from the schools a list of district professional staff and their assignments and shall advise school districts of professional staff who do not have current registered certificates.

(6) All teachers shall file official transcripts of all college work in the office of their chief school administrator. If there is no district superintendent or principal, the county superintendent is the chief school administrator.

(7) All personnel whose qualifications are not outlined in the certification standards must have a license issued by the appropriate state or federal licensing agent if required by the existing rules and regulations.

(8) All teachers holding a provisional (Class 5) certificate will file in the office of the chief administrator the plan of intent from the college where they are completing their program. The district will ensure a yearly reduction of the deficiencies from each teacher's plan. (Eff. 7/1/89)

RULE XIII TEACHING ASSIGNMENTS (1) Teachers shall be assigned at the levels and in the subjects for which their certificates are endorsed. Exceptions are:

(a) Individuals serving in internship positions approved by the board of public education.

(b) Teachers assigned in grade 5 or 6 in the departmentalized classroom or middle school, who hold a 5-12 secondary certificate, must be endorsed in the subjects they are teaching. A 5-12 certificate will not cover a grade 5 or 6 assignment in a self-contained classroom.

(c) For a clarification of teaching assignments in departmentalized and secondary settings, see "Montana School Accreditation and Procedures Manual", published March 1987 or the latest edition by the office of public instruction, which is incorporated in this rule by reference.

(2) Certification at the elementary level based on a bachelor's degree entitles the holder to teach in grades K through 8. (Eff. 7/1/89)

RULE XIV LIBRARY/MEDIA SERVICES, K-12 (1) Prior to 7/1/94 in high schools, junior high schools, middle schools and 7th and 8th grades funded at high school rates, the full time or part time librarian shall have a teaching certificate with a library endorsement and the library shall be housed in a central location.

(a) In schools of 100 or fewer students, the librarian shall devote a minimum of 1 1/2 hours or 2 periods per day in the library.

(b) In schools of 101 to 300 students, the librarian shall spend a minimum of 3 hours or 3 periods per day in the library.

(c) In junior and senior high schools of 301 to 500 students, the librarian shall spend full time in the library. One library aide shall be employed for each librarian, or the services of a student librarian or volunteer aide shall be available.

(d) Junior and senior high schools of 501 students shall have a full time librarian and additional librarians at the following ratio:

Enrollment	Librarian
501 to 1,000	1.5
1,001 to 1,500	2
1,501 to 2,000	2.5
2,001 to 2,500	3

One library aide shall be employed for each librarian, or the services of a student librarian or a volunteer aide shall be available.

(e) Elementary schools with four or more teachers must assign a teacher with a minimum of nine credit hours in professional library training at a ratio of one full time librarian to 800 students or a minimum of one hour per day, whichever is greater. In school districts employing a certified teacher with a library endorsement, a trained para-professional under the direct supervision of this librarian may be employed to meet this requirement. (Eff. 7/1/89; Repeal 7/1/94)

(2) Beginning 7/1/94 each school shall have a full-time or part-time certified school library/ media specialist with a K-12 library/media endorsement at the ratio as follows:

(a) .5 FTE for schools with 126-250 students;

(b) 1 FTE for schools with 251-500 students;

(c) 1.5 FTE for schools with 501-1000 students;

(d) 2 FTE for schools with 1001-1500 students;

(e) 2.5 FTE for schools with 1501-2000 students;

(f) 3 FTE for schools with 2001 or more students. (Eff. 7/1/94)

(3) Beginning 7/1/94 schools and/or districts of fewer than 125 students shall employ or contract with a certified, endorsed school library/media specialist, or they shall seek alternative ways to provide library/media services, using certified personnel. For example, they may contract for services or receive services from a regional, certified

library/media specialist provided through joint efforts of adjacent districts and/or counties.

(a) Alternative services shall include:

(i) Instruction in library/media skills;

(ii) Administration of a library/media program that meets the district's instructional goals;

(iii) Collection development and management;

(iv) Reader assistance;

(v) Library/media collection management;

(vi) Inservice in the use of new materials and equipment.

(b) When a school district uses alternatives to meet this standard, it shall submit a description of the alternatives to the office of public instruction and seek approval from the board of public education.

(Eff. 7/1/94)

RULE XV ASSIGNMENT OF GUIDANCE STAFF (1) Prior to 7/1/94 guidance and counseling staff and/or services shall be provided for elementary students. (Eff. 7/1/89; Repeal 7/1/94)

(2) Beginning 7/1/94, a minimum equivalent of one full-time counselor for each 400 elementary (K-8) students shall be provided. The counselor/student ratio shall be prorated. (Eff. 7/1/94)

(3) A minimum equivalent of one full-time counselor for each 400 high school students (including grades 7 and 8 if high school funding is received) shall be provided. The counselor/student ratio shall be prorated. (Eff. 7/1/89)

(4) Schools and/or districts with fewer than 125 students shall employ or contract with a certified, endorsed school guidance specialist, or they shall seek alternative ways to provide guidance services and meet the required guidance program goals, using certified personnel. For example, they may contract for services or receive services from a regional, certified guidance specialist provided through joint efforts of adjacent districts and/or counties.

(a) When a school district uses alternatives to meet this standard, it shall submit a description of the alternatives to the office of public instruction and seek approval from the board of public education. (Eff. 7/1/89)

RULE XVI GENERAL: CLASS SIZE AND TEACHER LOAD (1) These standards do not require a minimum class size at any grade level or for any subject offered. One pupil may be considered a class.

(2) Schools wishing to vary class sizes and/or teacher loads shall seek the approval of the board of public education. In determining those variations the following will be considered:

(a) To allow students to progress at their own rate, schools may consider using nongraded classrooms.

(b) Teacher aides are mandatory when class size or teacher load exceed the standards, unless the teaching methods and the quality of instruction can be shown to nullify the effect of larger class size on student performance.

(c) A school may augment the classroom teacher with certified personnel who are endorsed in specialized K-12 areas to exceed the maximum class size in the elementary grades. (Eff. 7/1/89)

RULE XVII CLASS SIZE: ELEMENTARY (1) In single-grade rooms, the maximum class size shall be:

(a) No more than 24 (Eff. 7/1/89); 20 (Eff. 7/1/92) students in kindergarten;

(b) No more than 26 (Eff. 7/1/89); 20 (Eff. 7/1/92) students in grade 1;

(c) No more than 26 (Eff. 7/1/89); 20 (Eff. 7/1/92) students in grade 2;

(d) No more than 28 (Eff. 7/1/89); 26 (Eff. 7/1/92) students in grades 3 and 4;

(e) No more than 30 (Eff. 7/1/89); 28 (Eff. 7/1/92) students in grades 5 through 8.

(2) In multigrade classrooms, the maximum class size shall be:

(a) No more than 20 students in grades K, 1, 2, and 3;

(b) No more than 24 students in 4, 5, and 6;

(c) No more than 26 students in grades 7 and 8. (Eff. 7/1/89)

(3) Multigrade classrooms that cross grade level boundaries (e.g., 3-4, 6-7) shall use the maximum of the lower grade. (Eff. 7/1/89)

(4) In one-teacher schools, the maximum class size shall be 18 students. (Eff. 7/1/89)

RULE XVIII TEACHER LOAD AND CLASS SIZE: HIGH SCHOOL, JUNIOR HIGH, MIDDLE SCHOOL, AND GRADES 7 AND 8 BUDGETED AT HIGH SCHOOL RATES (1) In addition to the school administrator, the school shall employ a sufficient number of certified FTEs to allow for departmentalization. Each program offered shall have properly endorsed FTE(s). (Eff. 7/1/89)

(2) Individual class size shall not exceed 30 students. (Eff. 7/1/89)

(a) Health enhancement and typing classes shall have no more than 45 (Eff. 7/1/89); 30 (Eff. 7/1/92) students.

(b) Laboratory class size shall be limited for safety purposes. The number of students shall be determined through consultation with the teacher, considering the number, size and use of laboratory stations. (Eff. 7/1/92)

(c) Class size limits do not apply to instrumental music or choral groups. (Eff. 7/1/89)

(3) The number of students assigned a teacher per day shall not exceed 160 (Eff. 7/1/89); 150 (Eff. 7/1/92).

(a) Teachers with a significant writing program shall have a maximum load of 100 students. (Eff. 7/1/92)

(b) Study hall, regardless of size, shall be counted at 15 students. (Eff. 7/1/89)

(c) Student limits do not apply to instrumental music or choral groups. (Eff. 7/1/89)

(d) Library, guidance, and study hall duties are assigned student responsibilities. However, in cases where a teacher is assigned full time in these areas, the assignment may be for the entire day. (Eff. 7/1/89)

RULE XIX PROFESSIONAL DEVELOPMENT (1) As part of a continuous program for instructional and administrative improvement, each school district shall provide a minimum of three days of professional development annually for each certified employee. A day of professional development is defined as six hours of actual contact time. Professional development time may be divided into no less than two hour increments to facilitate delivery of professional development programs.

(2) By April 15 of each year, the school district shall formulate a professional development plan which includes:

(a) Goals and objectives appropriate to the professional development needs of teachers, administrators, school trustees, and all other school personnel.

(b) Acceptable activities.

(c) Evaluation methods required for each activity in the plan.

(3) The board of trustees shall establish an advisory committee to develop and evaluate the plan. The committee shall include but not be limited to teachers, administrative personnel, and trustees. A majority of the committee shall be teachers.

(4) The plan shall be on file in the school's administrative office or with the county superintendent. It shall be available to employees and the public. (Eff. 7/1/89)

Sub-Chapter 8
Educational Opportunity

The Montana public school is a positive partnership of school trustees, staff, students, parents, and the community. Its central purpose is the intellectual development of its students.

RULE XX SCHOOL CLIMATE (Beginning 7/1/91) (1) The board of trustees shall use its best efforts to:

(a) Encourage cooperative and harmonious relationships among staff, students, parents, trustees, and community.

(b) Determine whether or not its staff turnover is excessive and, if it is, the reasons why.

(c) Create teaching and learning conditions that meet the district's educational goals and attract and maintain a quality staff.

(d) Develop policies, procedures, and rules that respect the rights of all learners and promote an awareness of and concern for the well-being of others.

(e) Offer programs and services which, in content and presentation, are free of bias and stereotyping in terms of age, sex, religion, race, national origin, or handicapping condition.

(f) Provide programs and services that meet the needs of students which the school has identified as at-risk.

(g) Inform students of its expectations and of students' rights and responsibilities.

(h) Encourage students to take responsibility for their education, including preparing for and participating in class and school activities, taking full advantage of learning services provided, helping design their educational goals, and conducting themselves respectfully and appropriately.

(i) Encourage the active involvement of parents in their children's education and in their school.

(j) Provide opportunities for parents, educators, and members of the community to take active roles in developing and reviewing educational goals.

(2) In the area of technology, the board of trustees shall use its best efforts to:

(a) Provide access to current materials and resources in all program areas and at all levels, including a wide range of up-to-date print and nonprint materials and technical resources which support the curriculum and help students meet the challenges of an information-based society.

(b) Integrate current and appropriate technology into each curricular area as a supplemental tool for instruction and for delivering and accessing information. "Technology" includes but is not limited to computer systems, databases, electronic and other media resources, and telecommunications.

(c) Keep up to date about computer and other appropriate technology and examine technology in terms of how it can help with educational delivery, while recognizing that computer and other appropriate technology is an assistant to rather than the primary deliverer of education.

(d) Encourage teachers to experiment with new computer and other appropriate technology to help make their teaching more effective and efficient.

(e) Whenever possible, work closely with business and government to keep informed concerning the latest technology. (Eff. 7/1/91)

RULE XXI OPPORTUNITY AND EDUCATIONAL EQUITY (1) The school district shall not discriminate against any student on the basis of sex, race, marital status, national origin, or handicapping condition in any area of accreditation. This includes programs, facilities, textbooks, curriculum, counseling, library services, and extracurricular activities. It is the purpose of the accreditation standards to guarantee equality of educational opportunity to each person regardless of sex, race, marital status, national origin, or handicapping condition. (Transfer from ARM 10.55.109)

RULE XXII LEARNER ACCESS (1) Equal opportunity to learn is a primary consideration of all program areas, at all levels. In order to integrate this concept throughout the education program, the board of trustees shall:

(a) Develop and implement processes for assessing students' educational needs. This assessment shall include but not be limited to students the school identifies as gifted and talented, at-risk, in need of special services, ethnic minorities, bilingual, and the educationally disadvantaged.

(2) In developing curricula in all program areas, the board of trustees shall:

(a) Provide learning experiences matched to students' interests, readiness, and learning style.

(b) Take into account individual and cultural diversity and differences among learners. Cultural and language differences should be viewed as valuable and enriching resources.

(c) Nurture an understanding of the values and contributions of Montana's Native Americans and the unique needs of Native American students and other minority groups.

(d) Provide learning resources that are universally available, free of bias, culturally inclusive, and current.

(e) Provide opportunities for individual self-direction and decision making.

(f) Provide equal access to learning resources, including technology.

(g) Provide instructional materials which are sequential and compatible with previous and future offerings. (Eff. 7/1/91)

RULE XXIII GIFTED AND TALENTED (1) Beginning 7/1/92 the school shall make an identifiable effort to provide educational services to gifted and talented students, which are commensurate with their needs and foster a positive self-image.

(2) Such services shall be outlined in a comprehensive district plan which includes:

(a) Identification of talent areas and student selection criteria according to a written program philosophy;

(b) A curriculum which reflects student needs;

(c) Teacher preparation;

(d) Criteria for formative and summative evaluation;

(e) Supportive services;

(f) Parent involvement.

(Eff.7/1/92)

RULE XXIV SPECIAL EDUCATION (1) Each school shall comply with all federal and state laws and regulations addressing special education.

(2) Each school shall use the Montana Special Education Reference Manual as guidance for administering special education programs.

(3) Each school shall provide structured support and assistance to regular education teachers in identifying and meeting diverse student needs, and shall provide a framework for considering a full range of alternatives for addressing student needs.

(4) Each school shall be responsible for the following:

(a) Handicapped students shall be given opportunities to become confident, dignified, and self-sufficient members of society.

(b) To the maximum extent possible, and when appropriate, handicapped students are educated with nonhandicapped in the district in which they live.

(c) A student shall receive special education only when documentation shows that the student cannot be appropriately educated in the regular program.

(d) A current individualized education program is prepared for each student receiving special education.

(5) Each school district with middle, junior high, 7th and 8th grade budgeted at high school rates or high school(s) shall require the development and use of processes to waive specific learner goals based on individual student needs, performance levels, age, maturity, and assessment of ability. Goals which are viewed as the result of this process must be identified on a student's transcript.

(6) A student who has successfully completed the goals identified on an individualized education program shall be awarded a diploma. (Eff.7/1/89)

Sub-Chapter 9
Academic Requirements

Basic academic requirements form a solid foundation for each school's education program. Schools shall meet or exceed these requirements through carefully developed curricula and supportive resources.

RULE XXV BASIC EDUCATION PROGRAM: ELEMENTARY (1) An elementary school shall have an education program that gives students the opportunity to meet the goals set forth in the program area standards at the appropriate levels. (At least one component a year beginning 7/1/91; Eff. 7/1/99)

RULE XXVI BASIC EDUCATION PROGRAM: MIDDLE SCHOOL (1) A middle school, as defined in ARM 10.13.201, differs from a junior high school because middle school philosophy specifically addresses the unique nature of middle school children by focusing on their intellectual, social, emotional, and physical development. To put such philosophy into practice, a middle school must have flexibility to approach instruction and teaching in a variety of ways, to undertake interdisciplinary work, and to plan blocks of course work deriving from the intellectual, social, emotional, and physical needs of middle school students. (Eff. 7/1/89)

(2) A middle school shall have an education program that gives students the opportunity to meet the goals set forth in the program area standards at the appropriate levels. (At least one component a year beginning 7/1/91; Eff. 7/1/99)

(3) A middle school minimum curriculum shall include the subjects below and maintain them in balance. Critical and

creative thinking, career awareness, lifelong learning, and safety will be incorporated in the school program. (Eff. 7/1/89)

(4) Schools using this standard to incorporate flexibility in quest of a quality program shall document the program with curriculum guides, class schedules, and other means to maintain balance among and within the disciplines outlined below. Such documentation shall be reviewed by the office of public instruction and approved by the board of public education. The middle school curriculum must fall within the continuum of skills that are part of the K-12 program in all disciplines. (Eff. 7/1/89)

(5) If the middle school program for grades 7 and 8 is funded at high school rates, it shall include:

(a) Visual arts: art history, art criticism, aesthetic perception, and production;

(b) English language arts: literature, language study, reading, writing, listening, speaking, and thinking;

(c) Health enhancement;

(d) Social studies;

(e) Mathematics: written and mental computation and problem solving;

(f) Music: general, instrumental, and vocal (emphasizing comprehensive music elements, music history, criticism, aesthetic perception, and musical production);

(g) Physical and life sciences;

(h) Vocational/practical arts such as agriculture, business education, home economics, industrial arts, and marketing;

(i) Exploratory courses such as creative writing, dance, drama, photography; (Eff. 7/1/89)

(j) Beginning 7/1/94, in addition, students shall have the opportunity to take: second language. (Eff. 7/1/94)

RULE XXVII BASIC EDUCATION PROGRAM: JUNIOR HIGH AND GRADES 7 AND 8 BUDGETED AT HIGH SCHOOL RATES (1) The basic education program for junior high school and grades 7 and 8 budgeted at high school rates shall have an education program that gives students the opportunity to meet the goals set forth in the program area standards at the appropriate levels. (At least one component a year beginning 7/1/91; Eff. 7/1/99)

(2) Study areas identified as meeting the learner goals include:

(a) English language arts: 1 unit each year in junior high and grades 7-8;

(b) Social studies: 1 unit each year in junior high and grades 7-8;

(c) Mathematics: 1 unit each year in junior high and grades 7-8;

(d) Science: 1 unit each year in junior high and grades 7-8;

(e) Health enhancement: 1/2 unit each year in junior high and grades 7-8;

(f) Visual arts: 1/2 unit each year in junior high and grades 7-8;

(g) Music: 1/2 unit each year in junior high and grades 7-8;

(h) Vocational/practical arts: 1/2 unit each year in junior high and grades 7-8; (Eff. 7/1/89)

(i) Beginning 7/1/94, in addition, students shall have the opportunity to take: second language, 1/2 unit each year in junior high and grades 7-8. (Eff. 7/1/94)

HIGH SCHOOLS

RULE XXVIII BASIC EDUCATION PROGRAM OFFERINGS: HIGH SCHOOL (1) The basic education program for each high school shall be at least 16 (Eff. 7/1/89); 20 (Eff. 7/1/92) units of course work that give students the opportunity to meet the goals set forth in the program area standards. (At least one component a year beginning 7/1/91; Eff. 7/1/99)

(2) Study areas shall include at least the following:

(a) 4 units of English language arts; (Eff. 7/1/89)

(b) 2 (Eff. 7/1/89); 3 (Eff. 7/1/92) units of mathematics;

(c) 2 (Eff. 7/1/89); 3 (Eff. 7/1/92) units of science;

(d) 2 (Eff. 7/1/89); 3 (Eff. 7/1/92) units of social studies;

(e) 2 units of vocational/practical arts; (Eff. 7/1/89)

(f) 1 (Eff. 7/1/89); 2 (Eff. 7/1/92) units of fine arts;

(g) 2 units of second language; (Eff. 7/1/92)

(h) 1 unit of health enhancement. (Eff. 7/1/89)

(i) 2 units of electives. (Eff. 7/1/89; Repeal 7/1/92)

RULE XXIX GRADUATION REQUIREMENTS (1) As a minimum, a school district's requirements for graduation shall include a total of 20 units of study that meet the required learner goals. (Eff. 7/1/89)

(2) In order to meet the learner goals set forth in the accreditation standards, the following 9 1/2 (Eff. 7/1/89); 12 (Eff. 7/1/92) units shall be part of the 20 units required for all students to graduate:

(a) 4 (Eff. 7/1/89); 3 (Eff. 7/1/92) units of English language arts;

(b) 2 units of mathematics; (Eff. 7/1/89)

(c) 1 1/2 (Eff. 7/1/89); 2 (Eff. 7/1/92) units of social studies;

(d) 1 (Eff. 7/1/89); 2 (Eff. 7/1/92) units of science;

(e) 1 unit of health enhancement; (Eff. 7/1/89)

(f) 1 unit of fine arts; (Eff. 7/1/92)

(g) 1 unit of vocational/practical arts. (Eff. 7/1/92)

(3) Units of credit earned in any Montana high school accredited by the board of public education shall be accepted by all Montana high schools. (Eff. 7/1/89)

(4) In accordance with the policies of the local board of trustees, students may be graduated from high school with less than four years enrollment. (Eff. 7/1/89)

RULE XXX CREDIT: HIGH SCHOOL, JUNIOR HIGH AND GRADES 7 AND 8 BUDGETED AT HIGH SCHOOL RATES (1) General

(a) A high school shall require a minimum of 20 units of credit for graduation, including ninth grade units. A unit of credit shall be given for satisfactory completion of a full-unit course.

(b) A unit of credit is defined as the equivalent of at least 225 minutes per week for one year.

(c) Passage of time between classes may be counted toward the standard school day but shall not be counted toward class time.

(2) Fractional Credit

(a) A student who is unable to attend class for the required amount of time may be given fractional credit for partial completion of a course, with the local administrator's permission.

(3) Alternative Credit

(a) With the permission of the school district trustees, a student may be given credit for a course, provided that the course meets the district's curriculum and assessment requirements, which are aligned with the learner goals stated in the education program.

(b) Any Montana high school shall accept such units of credit taken with the approval of the accredited Montana high school in which the student was then enrolled and which appear on the student's official transcript. (Eff. 7/1/89)

RULE XXXI DISTANCE LEARNING (1) The board of trustees shall not use distance learning as an alternative to on site classroom instruction when a certified teacher, appropriately endorsed, may be hired for the purpose.

(2) Distance learning may be used as part of the instructional program. To use distance learning programs local school districts shall apply for an alternative to the standard by:

(a) Demonstrating in writing a need for the course;

(b) Outlining how the course instruction will be delivered and will meet learner goals;

(c) Showing that the distance learning classroom environment meets health and safety standards and provides effective access of students to instruction;

(d) Validating that the teachers of distance learning are certified and appropriately endorsed and have background in distance learning;

(e) Verifying that local facilitators, who assist students in receiving the instruction on site, have adequate pre-service training and local supervision;

(f) Showing how the effectiveness of the course, teacher and facilitator will be assessed and recorded.

(Eff. 7/1/89)

Sub-Chapter 10
Learner Goals

SCHOOL PROGRAM
PROGRAM AREA STANDARDS

Much of the accreditation process is based on a school's ability to meet the fundamental learner goals set forth in the Program Area Standards that follow. The standards are minimums and not the only goals a school should set for its students.

RULE XXXII DEFINITION (1) Learner goals are the knowledge and concepts, skills and attitudes, which students are given the opportunity to acquire during their K-12 schooling.

(2) The standards are presented as general educational goals, followed by learner goals to be developed progressively through three checkpoints:

(a) Completion of the primary level (typically, at the end of grade 3)

(b) Completion of the intermediate level (typically, at the end of grade 8)

(c) Upon graduation (typically, the completion of grade 12) (Eff. 7/1/89)

RULE XXXIII DISTRICT'S RESPONSIBILITIES FOR PROGRAM AREA STANDARDS (1) It is the school district's task to:

(a) Incorporate all required learner goals into its curriculum.

(b) Introduce the learner goals when appropriate, implement them sequentially and developmentally, and build upon previous goals. (At least one component a year, beginning 7/1/91; Eff. 7/1/99)

The Program Area Standards give guidance in identifying subject matter and degrees of sophistication to be emphasized at each level of the education program.

For organizational purposes, the Program Area Standards are outlined by learner areas. They do not intend to specify course titles unless noted otherwise.

RULE XXXIV CROSS-CONTENT AND THINKING SKILLS

All disciplines in the education program are interdependent and empowered by the application of creative and critical thinking skills. Subjects cannot be taught in isolation; they do, in fact, overlap and find their greatest value when they are part of an integrated program of knowledge, skills, and opportunities that challenge students. To this end:

(1) Recognizing that the interdependence of skills and content is essential to an effective education program, the school district shall develop curricula that integrate program

area skills across curricular content and that give students opportunities to use these skills in meaningful contexts that relate to the world around them.

(2) The school district shall develop curricula at all grade levels and in all program areas that encourage students to understand and apply thinking and problem solving skills. The curricula shall allow students to:

(a) Identify and define a problem;

(b) Learn methods of gathering, analyzing, and presenting information;

(c) Practice logical, creative, and innovative thinking and problem solving skills in a variety of situations;

(d) Apply the skills of decision making and reasoning. (At least one component a year, beginning 7/1/91; Eff. 7/1/99.)

The specific program areas address thinking skills in greater detail. Schools are encouraged to use these sections to guide total curricular development.

Sub-Chapter 11
Communication Arts: Learner Goals

Language is at the core of successful schooling and living. Through language humans learn beyond their own direct experiences; through their skills, concepts, and experiences in the communication arts, students become educated not merely in "English," but in all subject areas. Thus, effective communication arts programs have a very high priority in the curricula of Montana schools.

The education program in Communication Arts encompasses the study of languages and literatures, the development of reading, writing, listening, and speaking skills, effective media use, and the nurturing of creative, logical, and critical thinking.

RULE XXXV COMMUNICATION ARTS PROGRAM (In accordance with Rules III and XXXIII) (1) In general, a school's communication arts program shall:

(a) Be literature-based and include a wide variety of fiction and nonfiction, representing diverse cultures of Montana, the United States, and the world.

(b) Create a "whole language" environment that integrates communication skills in all subject areas and that gives students extensive opportunities to use these skills in meaningful contexts.

(c) Encourage reading as a search for information, meaning, and pleasure. The program will provide literature of high quality, which is enriching for every age and ability level.

(d) Include a writing program that emphasizes process and focuses on the communication of ideas.

(e) Include an oral language program that involves

students in a variety of speaking, listening, and viewing activities.

(f) Give students opportunities to pursue their special gifts and interests through co-curricular offerings such as drama, speech, debate, journalism, literary publications, and humanities.

(g) Provide programs that enable students to use their communication arts skills in the community and in the world.

(h) Take advantage of the offerings of special groups in education, business, and industry.

(i) Be accomplished by activities such as creative drama, cooperative learning, small-group discussion, whole-language experience, and cross-content projects.

(j) Use the language of students with limited English proficiency to develop more diverse English language skills. (Eff. 7/1/89)

RULE XXXVI GENERAL COMMUNICATION ARTS LEARNER GOALS (In accordance with Rules III and XXXIII)

(1) In the study of languages, students shall be given the opportunity to:

(a) Learn how languages function, evolve, and reflect cultures.

(b) Learn how context--topic, purpose, audience--influences the structure and use of language.

(c) Have the opportunity to develop second-language proficiency.

(2) In the study of literature, students shall be given the opportunity to:

(a) Read, listen to, view, and study a variety of classical, contemporary, and multicultural literature, at all grade levels. Literature shall include poetry, fiction and nonfiction, and drama.

(b) Respond to literature through writing, speaking, and through media and the fine arts.

(c) Gain insights from literature, recognizing it as a mirror of human experience.

(d) Learn about their own and other cultures and recognize that literature is a reflection of culture.

(e) Experience literature as a way to appreciate the rhythms and beauty of language.

(3) In the study of communication skills, five interwoven strands: listening, speaking, reading, writing, and using media, students shall be given the opportunity to:

(a) Understand and practice the process of listening: perceiving, discriminating, attending, assigning meaning, evaluating, responding, and remembering.

(b) Speak effectively, formally and informally, in all five basic communication functions: expressing feelings, utilizing social conventions, imagining, informing, and controlling.

(c) Read for both pleasure and information and approach reading as a search for meaning.

(d) Write clearly and effectively to express themselves and to communicate with others.

(e) Students will use, view, and understand print and electronic media and be aware of the impact of technology and the media on communication.

(4) In the study of thinking, students shall be given the opportunity to:

(a) Think creatively, exploring unique insights, points of view, and relationships.

(b) Think logically, testing the validity of arguments and detecting fallacies in reasoning.

(c) Think critically, asking questions, making judgments, and evaluating messages. (Eff. 7/1/89)

RULE XXXVII COMMUNICATION ARTS ACROSS THE CURRICULUM (In accordance with Rules III and XXXIII) (1) The basic education program in communication arts recognizes that communication skills and concepts should not be taught in isolation. Programs shall integrate all of these skills and concepts in cross-content experiences that truly engage students. (Eff. 7/1/89)

RULE XXXVIII ENGLISH LANGUAGE LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to recognize that:

(a) People label objects and ideas with words and that words and their meanings change over time and through usage.

(b) Groups of people use different pronunciations and word choices to refer to the same objects and ideas.

(c) Language changes to accommodate subject, audience, and purpose. (Eff. 7/1/89)

RULE XXXIX ENGLISH LANGUAGE LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Understand that words are arbitrary, culturally-based symbols for objects and ideas that change over time and through usage.

(b) Recognize that people gain identity through their language, including pronunciation, word choice, and nonverbal communication.

(c) Analyze the ways that language changes to accommodate subject, audience, and purpose. (Eff. 7/1/89)

RULE XL ENGLISH LANGUAGE LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Understand that words have denotative and connotative meanings and that oral, written, and nonverbal languages incorporate nuances of meaning.

(b) Know the history of the English language as well as the principles of linguistic changes.

(c) Refine his/her analysis of the ways languages change to accommodate topic, audience, and purpose and evaluate the effectiveness of such changes. (Eff. 7/1/89)

RULE XLI SECOND LANGUAGE LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Experience rhymes, stories, songs, and dramatic activities that promote enjoyment in learning a second language.

(b) Recognize some cultural traditions from the second language culture.

(c) Reproduce and understand sounds, words, and sentences using pronunciation, stress, rhythm, and intonation.

(d) Speak and understand a second language in informal conversations, using simple vocabulary. (Eff. 7/1/99)

RULE XLII SECOND LANGUAGE LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) An intermediate program in second language shall give the student the opportunity to:

(a) Experience oral and literary traditions of the second language culture.

(b) Expand cross-cultural understanding.

(c) Speak and understand more complex ideas and information in directed activities, both formal and informal.

(d) Use reading and writing skills in the second language in a variety of meaningful activities. (Eff. 7/1/94)

RULE XLIII SECOND LANGUAGE LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Read, listen to, and view literary works in the second language.

(b) Refine his/her understanding of world cultures.

(c) Speak and understand the second language by adapting speaking and listening skills to a variety of audiences or situations.

(d) Use knowledge of linguistic structures to speak and write more fluently in the second language.

(e) Increase his/her understanding of English language and literature through comparison with the second language. (Eff. 7/1/92)

RULE XLIV LITERATURE LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Experience a variety of classical, contemporary, and multicultural works of literature, including poetry, fiction and nonfiction, and drama.

(b) Respond to a literary work by recapturing the meaning of plot in words, dramatic presentations, or pictures.

(c) Recognize and make associations with the people, places, and problems in her/his reading.

(d) Begin to understand culture through literature.

(e) Recognize and appreciate rhythm, rhyme, and repetition and other qualities of language in literature.

(f) Begin to evaluate the major components of literary works, including characters, setting, and action.

(g) Create and share original pieces of literature that use characters, setting, and action. (Eff. 7/1/89)

RULE XLV LITERATURE LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Expand experiences with classical, contemporary, and multicultural literature.

(b) Respond to literature on the basis of his/her own insights and respect the different responses of others.

(c) Recognize and understand the interrelationships among the elements in a literary work.

(d) Begin to recognize how culture influences literary works and to compare and contrast that culture with his/her own experiences.

(e) Appreciate and understand how language enhances meaning in literature and how meaning is enhanced by sensory and figurative language; by literary devices such as metric patterns and imagery (e.g., simile, metaphor); and by an author's semantic and connotative qualities.

(f) Analyze and evaluate elements of literary works, including characters, setting, plot, theme, and imagery.

(g) Create and share original pieces of literature in a variety of genres that use characters, setting, plot, theme, and imagery. (Eff. 7/1/89)

RULE XLVI LITERATURE LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation, a student shall have had the opportunity to:

(a) Read a broad selection of classical, contemporary, and multicultural literature, including poetry, novels, essays, short stories, and drama.

(b) Be able to analyze his/her own and others' responses to literature.

(c) Understand and analyze literature's significance to his/her own life.

(d) Understand how cultural and historical setting and the literary tradition influence literature.

(e) Appreciate and analyze how language enhances meaning in literature through the use of elements such as stylistic, sensory, figurative, semantic, and logical attributes.

(f) Analyze and evaluate elements of literary works, including characters, setting, plot, theme, imagery, mood, figurative language, and genre.

(g) Create and share original pieces of literature in a variety of genres that use characters, setting, plot, theme, imagery, mood, and figurative language. (Eff. 7/1/89)

RULE XLVII LISTENING LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Discriminate between significant and insignificant sounds and words.

(b) Develop a "listening set": anticipate meaning, ignore distraction, and visualize what is heard.

(c) Assign a basic meaning to what is heard by recognizing the main idea and supporting details.

(d) Distinguish new from familiar material, significant from insignificant, and fantasy from reality.

(e) Respond to what is heard by asking questions, following directions, and giving feedback.

(f) Remember important aspects of the message. (Eff. 7/1/89)

RULE XLVIII LISTENING LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Discriminate between emotional and unemotional speaking and between spontaneous and scripted speaking and acting.

(b) Increase attentiveness by expanding attention span, predicting and rehearsing ideas, and being aware of factors that affect attention.

(c) Recognize a variety of speaking purposes and patterns of organization.

(d) Distinguish fact from opinion, information from persuasion, and logic from emotion.

(e) Respond to what is heard by controlling emotions, asking questions, and giving appropriate feedback.

(f) Expand memory through note-taking and relating new material to old. (Eff. 7/1/89)

RULE XLIX LISTENING LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) "Listen" with the eyes as well as the ears by perceiving verbal and nonverbal clues.

(b) Choose and use a listening strategy best suited to the purpose in a listening situation.

(c) Recognize nuances of meaning in similar words, situations, and nonverbal clues.

(d) Evaluate oral messages for accuracy, effectiveness, significance, and propriety.

(e) Give supportive feedback to a speaker by eliciting the best that the speaker has to offer.

(f) Demonstrate long- and short-term memory by taking notes and searching memory. (Eff. 7/1/89)

RULE L SPEAKING LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary

level the student shall have had the opportunity to:

(a) Show an awareness of oral expression features: pronunciation, volume, and rate of speaking.

(b) Begin to adapt speech to audience and context in order to communicate ideas clearly.

(c) Begin to establish a relationship with the audience through eye contact and attending to audience reaction.

(d) Develop confidence as a speaker through experience with the five functions of speaking: expressing feelings, utilizing social conventions, imagining, informing, and controlling. (Eff. 7/1/89)

RULE LI SPEAKING LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Use words, figures of speech, and nonverbal factors to enhance oral presentation.

(b) Organize and expand oral and nonverbal skills to suit the level of communication (interpersonal, intrapersonal, group, public, and mass).

(c) Become increasingly aware of audience feedback during the speech.

(d) Increase confidence and effectiveness as a speaker in all five functions of speaking. (Eff. 7/1/89)

RULE LII SPEAKING LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Use oral and nonverbal language to communicate effectively.

(b) Use invention, organization, style, and delivery to enhance messages.

(c) Use audience analysis to prepare and present speeches.

(d) Have experience and confidence in a variety of formal and informal speaking situations. (Eff. 7/1/89)

RULE LIII READING LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Associate the written form with the spoken word.

(b) Recognize basic word and sentence structures which are essential to comprehending written material.

(c) Understand how punctuation affects meaning.

(d) Read a variety of material and begin to use study skills to find answers and information.

(e) Enjoy and appreciate reading. (Eff. 7/1/89)

RULE LIV READING LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) Use appropriate strategies to identify words and their meanings.

(2) Refine his/her use of word attack and context clues which aid comprehension within a word, sentence, paragraph, or an entire work.

(3) Adapt fluency, rate, and style of reading to the purpose of the material.

(4) Read for information and continue to develop study skills.

(5) Read as a leisure activity. (Eff. 7/1/89)

RULE LV READING LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Comprehend ideas and meaning in material which requires increasingly complex structures.

(b) Refine general and technical vocabularies, recognize multiple meanings and connotations, and comprehend longer, more complex passages.

(c) Reflect on ideas presented at the literal, interpretive, and critical/creative levels.

(d) Apply study skill strategies for immediate recall and long-term retention.

(e) Read to satisfy, extend, and expand personal interests. (Eff. 7/1/89)

RULE LVI WRITING LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Write frequently, using varied formats, for a variety of purposes and audiences.

(b) Recognize how spelling, punctuation, capitalization, and handwriting contribute to meaning in writing.

(c) Understand how to generate and organize ideas and how to create a clear written message.

(d) Respond to, revise, and edit his/her own and others' writing. (Eff. 7/1/89)

RULE LVII WRITING LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Write frequently, using varied formats, for a variety of purposes and audiences.

(b) Understand and use spelling, punctuation, capitalization, handwriting, and usage as part of total effectiveness in writing.

(c) Select a topic, generate and organize ideas, and choose appropriate language for his/her writing purpose.

(d) Respond to, revise, and edit his/her own and others' writing. (Eff. 7/1/89)

RULE LVIII WRITING LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Write frequently, using varied formats, for a variety of purposes and audiences.

(b) Use spelling, punctuation, capitalization, handwriting, and usage effectively and purposefully.

(c) Focus the purpose of writing, visualize the audience, and refine the language of his/her writing.

(d) Respond to, revise, edit, and evaluate his/her own and others' writing. (Eff. 7/1/89)

RULE LIX MEDIA USE LEARNER GOALS: [(see also ["Library/Media Program Standards")] PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Develop a "viewing" set and adopt appropriate behavior for appreciating a media performance or presentation.

(b) Recognize, use, and operate a variety of media equipment.

(c) Understand the basic components and characteristics of media.

(d) Use print and nonprint media in the classroom, library, and other settings as sources of information and entertainment. (Eff. 7/1/89)

RULE LX MEDIA USE LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Understand and respond to media performances and presentations.

(b) Incorporate media in oral and written presentations.

(c) Understand that media convey messages.

(d) Use a wide variety of print and nonprint media in leisure time, classroom, and library for information and entertainment. (Eff. 7/1/89)

RULE LXI MEDIA USE LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Develop a discriminating appreciation of media.

(b) Demonstrate flexibility and familiarity in the use of electronic media and media centers.

(c) Evaluate the effectiveness of a particular medium as it conveys a message.

(d) Locate and use a variety of print and nonprint media in the home, classroom, and library.

(e) Understand the legal responsibilities involved in media use. (Eff. 7/1/89)

RULE LXII THINKING SKILLS LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Begin to demonstrate thinking skills such as comparing, contrasting, inferring, and evaluating in both verbal and nonverbal communication.

(b) Respond to an experience by creating an action (a pantomime, picture, poem, or story) to express understanding.

(c) Express associative thinking as well as creativity and inventiveness. (Eff. 7/1/89)

RULE LXIII THINKING SKILLS LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Respond to and evaluate intentions and messages of speakers, writers, presenters, and media.

(b) Differentiate between fact and opinion, recognize logical/illogical sequences, create an hypothesis, and predict outcomes.

(c) Expand creativity, inventiveness, and logical/critical thinking. (Eff. 7/1/89)

RULE LXIV THINKING SKILLS LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Respond to, interpret, and evaluate intentions and messages of speakers, writers, presenters, and media.

(b) Evaluate the validity of assertions and detect fallacies in reasoning and in emotional appeals; differentiate between subjective and objective viewpoints.

(c) Use higher-level thinking processes to solve problems in the everyday world. (Eff. 7/1/89)

RULE LXV COMMUNICATION ARTS PROGRAM DEVELOPMENT (In accordance with Rules III and XXXIII) (1) The communication arts curriculum shall be developed and evaluated according to the standards for all program areas.

(2) Library/media specialists will be viewed as a part of the instructional team by helping other instructors select appropriate materials and by teaching and guiding students in their search for information and worthwhile reading.

(3) Learning assistance centers and fine arts facilities shall be available to enhance the communication arts curriculum with access for dramatic, cultural, and media presentations. (Eff. 7/1/89)

Sub-Chapter 12
Fine Arts: Learner Goals

The Fine Arts provide a means of expression and communication that goes beyond speaking and writing. The Fine Arts are our most illuminating and universal form of language; through them we transmit to our children our cultural heritage and humanity.

The Fine Arts dynamically cultivate all of the senses, emotions, and intelligences. They are the means by which students develop literacy in the symbol systems fundamental to higher order and critical thinking. And, they constitute a dimension of learning which extends and fulfills human experience unlike that of any other discipline.

The Fine Arts are not complete until understandings are found between and among the arts and they are integrated with other Program Areas.

RULE LXVI FINE ARTS PROGRAM (In accordance with Rules III and XXXIII) (1) A basic program in fine arts includes:

(a) Visual arts (drawing, painting, printmaking, photography, film, electronic media, sculpture, two- and three-dimensional construction, applied design, and kinetic and performance art).

(b) Performing arts, including music (choral music, instrumental music, and music appreciation); theater (drama, play production); and creative movement.

(c) Literary arts (poetry, prose, drama).

(d) Instruction that incorporates fine arts' history, criticism, production, performance, and aesthetics. (Eff. 7/1/89)

RULE LXVII FINE ARTS: GENERAL GOALS (In accordance with Rules III and XXXIII)

Through the Fine Arts, students develop critical and creative thinking and perceptual abilities applicable to all areas of life.

(1) A basic program in fine arts gives the student the opportunity to:

(a) Understand the principal sensory, formal, technical, and expressive qualities of each of the fine arts.

(b) Identify processes, materials, tools, and disciplines required to produce the visual, performing, and literary arts.

(c) Apply their knowledge of concepts, elements, principles, theories, and processes in the fine arts.

(d) Develop their intuitive and creative thought processes as a balance to learning in the cognitive and psychomotor domains.

(e) Make informed judgments about the fine arts and about their relationships to the history, culture, and environments of the world's people.

(f) Understand the relevance of their education in the fine arts to the range of fine arts professions and to a lifetime of aesthetic pleasure.

(g) Use materials, tools, and equipment safely. (Eff. 7/1/89)

RULE LXVIII VISUAL ARTS LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have been given the opportunity to:

(a) Begin to recognize different works of art and identify artists, placing them in an historical time and place.

(b) Be familiar with and appreciate the various sources of art in the community (museums, galleries, studios, public places).

(c) Begin to recognize universal emotions and experiences expressed in selected visual images.

(d) Identify and use the elements of art and principles of art in organizing for personal expression.

(e) Learn to appropriately select and to care for a variety of art materials, media and tools.

(f) Use appropriate vocabulary to describe the expressive qualities of a variety of works of art and evaluate art experiences.

(g) Experience a sense of accomplishment and pleasure from the creative act.

(h) Enjoy and appreciate a variety of art works. (Eff. 7/1/89)

RULE LXIX. VISUAL ARTS LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have been given the opportunity to:

(a) Observe the sensory and formal applications used by artists.

(b) Identify art processes, forms, and materials from many cultures and historical periods.

(c) Appreciate art in a variety of settings (home, community, classroom, and studio).

(d) Identify materials, tools, and techniques used by artists for expressive purposes.

(e) Understand the elements and principles of art used by the artist to express creative ideas, moods, and feelings.

(f) Know the vocabulary required to describe the sensory, formal, technical, and expressive qualities of art.

(g) Understand the role of galleries and museums in preserving and transmitting art heritage and contemporary culture.

(h) Identify different art works from distinct cultures and historical and stylistic periods.

(i) Discover and discriminate among the methods of expressing imagination, interpreting experience, and selecting materials and techniques.

(j) Demonstrate the ability to solve visual and technical problems in art.

(k) Analyze, compare, contrast, and distinguish art work from a variety of styles and periods using formal viewing criteria.

(l) Experience a sense of accomplishment and pleasure from experimentation, innovation, and skill development. (Eff. 7/1/89)

RULE LXX VISUAL ARTS LEARNER GOALS: SECONDARY LEVEL (In accordance with Rules III and XXXIII) (1) If offered at the secondary level, a course of study in visual arts shall give the student the opportunity to:

(a) Recognize the processes, forms, and materials used to produce a variety of art.

(b) Use principles of visual discrimination in assessing the aesthetic properties of natural and artificial objects and environments.

(c) Apply the vocabulary required to describe the sensory, formal, technical, and expressive qualities of art.

(d) Understand the value of original works of art by experiencing them in a variety of settings.

(e) Recognize factors that influence artists' choices of form, style, content, and artistic intent.

(f) Understand the importance of preserving and transmitting art heritage, and the accompanying responsibility of museums, galleries, and scholars.

(g) Understand the significance of major art works in embodying the spirit of a culture or an historical period.

(h) Understand the processes, equipment, and materials needed for various visual arts.

(i) Exercise self-direction in independent problem solving (visual, conceptual, technical) to produce art works with complex content.

(j) Create art, demonstrating the creative and innovative use of equipment, materials, and techniques.

(k) Experience a sense of accomplishment and satisfaction with his/her ability to conceive, execute, evaluate, and present a finished creative work.

(l) Develop aesthetic criteria based on elements and principles of art and analyze the effectiveness of the components of works of art in achieving the artist's intent.

(m) Develop criteria for judging the cultural and historical significance of works of art.

(n) Appreciate and enjoy art works from a wide range of cultures and historical and stylistic periods. (Eff. 7/1/89)

Literary Arts

Learner goals for the literary arts are integrated throughout the "Communication Arts" goals.

RULE LXXI DRAMA LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have been given the opportunity to:

(a) Understand how movement, sound, and setting convey emotions and meaning in short dramatic performances (live or recorded).

(b) Recount emotional and sensory responses to a dramatic activity as a listener and viewer.

(c) Identify body, voice, costume, and make-up as elements of characterization.

(d) Understand the daily-life sources of dramatic art: story, character, and conflict.

(e) Express original interpretations of ideas and objects through the use of dramatic elements in a solo or group performance.

(f) Use pantomime, puppets, or other dramatic devices to

express individual interpretations of ideas, concepts, objects, or familiar stories.

(g) Enjoy and appreciate a variety of dramatic selections and experiences. (Eff. 7/1/89)

RULE LXXII DRAMA LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) If offered at the intermediate level, a course of study in drama shall give the student the opportunity to:

(a) Identify historical, cultural, and environmental elements in a variety of dramatic works.

(b) Apply knowledge of dramatic principles and techniques to enhance enjoyment of reading and viewing dramatic works.

(c) Understand plot, character, setting, and theme.

(d) Recognize the expressive and technical qualities of dramatic work through study, interpretation, and enactment in planned and improvised solo or group presentations.

(e) Evaluate a variety of dramatic works. (Eff. 7/1/89)

RULE LXXIII DRAMA LEARNER GOALS: SECONDARY LEVEL (In accordance with Rules III and XXXIII) (1) If offered at the secondary level, a course of study in drama shall give the student the opportunity to:

(a) Identify artistic choices made in a variety of theatrical forms in order to produce specific effects.

(b) Appreciate a variety of written drama and theatrical productions, including live and recorded performances.

(c) Apply knowledge of dramatic concepts, elements, principles, theories, and processes to the viewing, performing, and critiquing of dramatic presentations.

(d) Demonstrate knowledge of the principles of drama by participating in a variety of theater productions.

(e) Understand the social, cultural, educational, and historical functions of drama. (Eff. 7/1/89)

RULE LXXIV MUSIC LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Realize the importance of music in everyday life.

(b) Respect musical performance and composition.

(c) Begin to recognize universal emotions and experiences expressed in music of various cultures and periods.

(d) Enjoy participating in music and use music as a means of personal expression.

(e) Sing with free vocal production a repertoire of folk and composed songs.

(f) Use body movements and/or hand motions to show differences in music.

(g) Use voice and instruments to create melodic and rhythmic patterns to accompany songs.

(h) Recognize band and orchestra instruments and identify the major instrument groups.

(i) Understand basic elements of music: fast and slow tempos, long and short sounds, patterns of simple forms.

(j) Create short pieces, using nontraditional sounds available in the classroom, such as tapping fingers or striking various objects. (Eff. 7/1/89)

RULE LXXV MUSIC LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Be increasingly aware of music as an important part of everyday life; enjoy music through listening, singing, and playing instruments.

(b) Sing with free vocal production, becoming more accurate in pitch.

(c) Add to the repertoire of songs learned at the primary level.

(d) Participate in vocal and/or instrumental ensembles.

(e) Understand basic music notation and terminology.

(f) Refine his/her understanding of the basic elements of music theory.

(g) Recognize and evaluate various types of music and music of various periods and styles, using recorded and live examples.

(h) Experiment with variations in tempos, timbres, and phrasing for expressive purposes with voice or instruments.

(i) Discuss personal responses to music. (Eff. 7/1/89)

RULE LXXVI MUSIC LEARNER GOALS: SECONDARY LEVEL (In accordance with Rules III and XXXIII) (1) If offered, a secondary course of study in music shall give the student the opportunity to:

(a) Enjoy participating in choral and/or instrumental music.

(b) Develop a commitment to singing or playing well and a respect for quality music and skilled performance.

(c) Develop sensitivity to interaction and blending of instruments and/or voice through participation in music ensembles.

(d) Demonstrate how skill, technique, and sound production affect musical performance.

(e) Analyze music from various cultures and historical periods, using knowledge of musical concepts.

(f) Develop a further understanding of the concepts of music theory.

(g) Perform music from various musical periods in solo and ensemble form.

(h) Critique musical performance for technical skill, quality of sound, lyric qualities, and effectiveness of artistic intent.

(i) Improvise or compose music in solo or ensemble form. (Eff. 7/1/89)

RULE LXXVII CREATIVE MOVEMENT LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Be aware of feelings evoked by dance performance and/or creative movement.

(b) Develop body awareness through creative movement.

(c) Respond spontaneously in movement to various material, conceptual, and sensory stimuli.

(d) Reproduce simple dance forms of other cultures, ethnic backgrounds, and historical periods.

(e) Enjoy simple rhythmic patterns in a movement sequence.

(f) Improvise creative movement around a tool, material, dance element, or sensory stimulus.

(g) Communicate personal feelings and ideas by using movement.

(h) Determine preferences for specific dance forms. (Eff. 7/1/89)

RULE LXXVIII CREATIVE MOVEMENT LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) If offered at the intermediate level, a course of study in creative movement shall give the student the opportunity to:

(a) Be aware of the thoughts and images evoked by major dance forms.

(b) Develop efficient movements and body awareness needed for dance and creative movement.

(c) Enjoy freedom of creative and uninhibited movement in a variety of dance experiences.

(d) Participate in various dance forms of other cultures and historical periods.

(e) Use appropriate vocabulary to show understanding of basic dance concepts.

(f) Improvise a short study around a mood, message, tool, or material, using dance and creative movement.

(g) Develop criteria for forming opinions about dance performances.

(h) Evaluate the mood or message conveyed by a dance performance. (Eff. 7/1/89)

RULE LXXIX CREATIVE MOVEMENT LEARNER GOALS: SECONDARY LEVEL (In accordance with Rules III and XXXIII) (1) If offered at the secondary level, a course of study in creative movement shall give the student the opportunity to:

(a) Be aware of the interaction of dance elements, tools, materials, and techniques of a dance performance.

(b) Develop strength, balance, and coordination needed to refine body awareness in creative movement and/or dance.

(c) Perform individual or group dances (e.g., tap, modern, ballet, jazz, folk, social) from various cultures and historical periods.

(d) Enjoy freedom of creative and uninhibited movement in a variety of dance experiences.

(e) Understand how movement elements, materials, and mood enhance the expressive qualities of dance.

(f) Design an individual or group dance around a mood or message, integrating technique, skill, and materials.

(g) Observe professional dance (live or recorded) or participate in community dance performances.

(h) Critique dance or creative movement performances.

(i) Analyze social, cultural, and ritual elements of contemporary performances. (Eff. 7/1/89)

RULE LXXX FINE ARTS PROGRAM DEVELOPMENT (In accordance with Rules III and XXXIII) (1) The fine arts curriculum shall be developed and evaluated according to the standards for all program areas.

(2) At all levels, the school district shall encourage the sharing of arts programs with parents and the public. For example, elementary drama study may culminate in special programs for parents, during or after school. Middle and high school students may perform for parents and the public or participate in drama festivals, forensics, plays, and civic programs. Gifted student writers and artists shall be encouraged to present their work to the public.

(3) At least once in a school year, the school district shall give students the opportunity to view a live drama, music, or dance performance.

(4) The school district shall take advantage of local resources, such as museums, galleries, theaters, cultural outreach programs, performance groups, professional writers and publishers, higher education services, the Montana arts council programs, and other expertise to supplement and enhance the arts program.

(5) Work and performance areas (e.g., middle and high school theaters and studios) shall meet all health and safety regulations and shall include adequate space for the storage of materials and equipment. The school shall ensure that stage and auditorium facilities are adequately managed and that students using them are supervised. (Eff. 7/1/89)

Sub-Chapter 13
Health Enhancement: Learner Goals

Health Enhancement teaches children the importance of achieving and maintaining a healthy lifestyle. It helps them actively protect, maintain, and improve their health and sensitizes them to society's critical health issues.

The Health Enhancement program is a comprehensive program that combines the disciplines of health and physical education. The present separation of these two critical elements is not in the best interests of our children. Healthy, well nourished children learn better. A healthy state transcends the physical and includes mental, social, physical, and intellectual dimensions of self. Quality of life, health care, and the containment of health care costs will be major issues for all Montanans in the next century. By sensitizing our children to health care issues and establishing and encouraging health behaviors that can be

maintained throughout life, we can positively influence Montana's future.

RULE LXXXI HEALTH ENHANCEMENT PROGRAM (In accordance with Rules III and XXXIII) (1) In general, a basic health enhancement program shall:

(a) Integrate lifestyle management throughout the curriculum.

(b) Focus on the total self and the development of responsibility, values, attitudes, and behaviors.

(c) Give students decision making tools for personal health.

(d) Address intellectual, social, emotional, and physical dimensions of healthy lifestyles. (Eff. 7/1/89)

RULE LXXXII HEALTH ENHANCEMENT PARTICIPATION (In accordance with Rules III and XXXIII) (1) Each student shall participate in a health enhancement program which is based on age, ability, and aptitude. (Eff. 7/1/89)

RULE LXXXIII HEALTH ENHANCEMENT LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Demonstrate a variety of perceptual, motor, and rhythm skills, including but not limited to throwing, catching, kicking, striking; balancing; creative movement and folk dance; and skills related to lead-up games.

(b) Demonstrate an appropriate level of physical fitness in cardiorespiratory function, body composition, and musculoskeletal performance.

(c) Develop positive interpersonal relationships and self-concepts.

(2) By the end of the primary level, the student shall have had the opportunity to identify:

(a) Components of wellness and describe how decision making affects personal health practices.

(b) Roles, responsibilities, contributions, and life cycles in a family structure.

(c) The difference between use and abuse of drugs and their effects on an individual's total development.

(d) Safety hazards, causes of accidents, and preventive measures for disease control.

(e) Human body parts and systems, emphasizing individual uniqueness.

(f) Ways in which advertising influences personal health choices.

(g) Food combinations that provide a healthy and balanced diet.

(h) Potential sources of pollution and pollution's harmful effects.

(i) Resources which help promote and maintain community health. (Eff. 7/1/89)

RULE LXXXIV HEALTH ENHANCEMENT LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to demonstrate:

(a) A variety of physical skills that influence individual physical development, including but not limited to skills practice and lead-up games; rhythms and dance; and individual, dual, or team sports.

(b) An appropriate level of physical fitness in cardiorespiratory function, body composition, and musculoskeletal function.

(c) Positive interpersonal relationships and self-concept.

(d) An understanding of the importance of regular and sustained physical activity throughout life.

(e) An ability to identify roles, responsibilities, contributions, and life cycles in a family structure.

(2) By the end of the intermediate level the student shall have had the opportunity to understand:

(a) Substance use and abuse and their effects on the individual and society.

(b) Health problems, including diseases and their etiology; the identification of symptoms of a variety of health problems; and prevention of health problems and injuries.

(c) The functions and maintenance of body systems, including knowledge of the reproductive system.

(d) The need for and use of consumer health services and products.

(e) Basic nutrition and its application.

(f) Cultural, environmental, social, and ethical issues which affect healthy lifestyles.

(g) Interrelationships between physical health and mental well-being. (Eff. 7/1/89)

RULE LXXXV HEALTH ENHANCEMENT LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Demonstrate a variety of physical skills used in physical activity, including but not limited to dance; individual, dual, or team sports; and lifetime leisure and recreational activities.

(b) Demonstrate an appropriate level of physical fitness in cardiorespiratory function, body composition, and musculoskeletal function.

(c) Understand the importance of a positive self-concept and interpersonal relationships for total health.

(d) Understand the role of lifelong physical activity and the principles of safe and effective exercise; be able to plan a personal fitness program.

(e) Understand roles, responsibilities, contributions, and life cycles in family structures.

(f) Understand the risks of using drugs, alcohol, and tobacco.

(g) Understand attitudes and behaviors for preventing and controlling disease and accidents.

(h) Understand human reproduction and the emotional and ethical components of human sexuality.

(i) Be able to evaluate and select health services, practices, and products.

(j) Understand the relationship of sound nutrition to total health.

(k) Understand the consequences of personal and community decisions that affect the economy and the cost, availability, and quality of health care.

(l) Understand the relationship of sound mental health practices to total health.

(m) Identify careers in health and physical activity and their roles and responsibilities. (Eff. 7/1/89)

RULE LXXXVI HEALTH ENHANCEMENT PROGRAM DEVELOPMENT (In accordance with Rules III and XXXIII) (1) The health enhancement curriculum shall be developed and evaluated according to the standards for all program areas.

(2) Areas of the health enhancement curriculum integrated into other subject areas are ancillary to the main health enhancement program, which shall be provided by a health enhancement specialist (K-12) or by a classroom teacher in the elementary grades.

(3) Interscholastic sports and intramural programs shall not be used as a substitute for a health enhancement course.

(4) Recess shall not be used to fulfill health enhancement requirements.

(5) When required as part of the basic education program, all students shall have daily health enhancement activity.

(6) The school district shall encourage its teaching staff to exemplify healthy lifestyles.

(7) A telephone or communication device and basic first aid materials shall be located in close proximity to the instructional physical activity area. (Eff. 7/1/89)

Sub-Chapter 14
Mathematics: Learner Goals

Mathematics gives students the skills necessary to solve problems, to reason inductively and deductively, and to apply the numerical and spatial concepts necessary to function according to their needs in a technological society.

Priorities for basic mathematical skills include more than computation. A technological society requires daily use of skills such as estimating, problem solving, organizing and interpreting data, measuring, predicting, and applying mathematics to everyday situations.

Mathematics is a dynamic, growing, and changing discipline whose cross-curricular significance requires its integration

into all academic areas. An effective curriculum is responsive to recent developments in mathematical knowledge, the needs of an information society, the availability of technology such as computers and calculators, and includes relevant applications of mathematics.

RULE LXXXVII MATHEMATICS PROGRAM (In accordance with Rules III and XXXIII) (1) In a basic mathematics program, students:

(a) Become mathematical problem solvers;
(b) Learn to communicate mathematically;
(c) Learn to reason mathematically;
(d) Learn to value mathematics;
(e) Become confident in their ability to do mathematics;
(f) Select and use appropriate technology to solve problems and acquire new knowledge. (Eff. 7/1/89)

RULE LXXXVIII MATHEMATICS LEARNER GOALS: PROBLEM SOLVING: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Solve problems from many contexts using strategies such as guess and check, make a table, looking for a pattern and simplify the problem.
(b) Discuss alternate solution strategies and relationships among problems.
(c) Use calculators as a problem solving tool. (Eff. 7/1/89)

RULE LXXXIX MATHEMATICS LEARNER GOALS: PROBLEM SOLVING: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Recognize, formulate, and solve problems in mathematical and real life situations.
(b) Apply a variety of strategies to solve one-step, multi-step, and nonroutine problems.
(c) Verify and interpret the results with respect to the original problem situation and generalize to new problem situations. (Eff. 7/1/89)

RULE XC MATHEMATICS LEARNER GOALS: PROBLEM SOLVING: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Apply problem solving strategies.
(b) Recognize, formulate, and solve problems within and outside of mathematics. (Eff. 7/1/89)

RULE XCI MATHEMATICS LEARNER GOALS: COMMUNICATION: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Use oral and written language and symbols to communicate and extend mathematical ideas. (Eff. 7/1/89)

RULE XCII MATHEMATICS LEARNER GOALS: COMMUNICATION: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Model situations in a variety of ways (e.g. verbal, concrete, pictorial, graphical, algebraic).

(b) Read, interpret, and evaluate mathematical expressions of ideas.

(c) Discuss mathematical ideas and situations, and make convincing arguments. (Eff. 7/1/89)

RULE XCIII MATHEMATICS LEARNER GOALS: COMMUNICATION: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Formulate mathematical definitions and express generalizations discovered through investigations.

(b) Express mathematical thoughts orally and in writing.

(c) Understand written presentations of mathematics. (Eff. 7/1/89)

RULE XCIV MATHEMATICS LEARNER GOALS: REASONING: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Describe, extend, and create auditory, visual, and written patterns.

(b) Represent and describe relationships between quantities.

(c) Explain his/her thinking and justify solutions using models, known facts, properties, relationships, and real world experiences. (Eff. 7/1/89)

RULE XCV MATHEMATICS LEARNER GOALS: REASONING: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Recognize examples of deductive and inductive reasoning.

(b) Make and validate conjectures using models, known facts, properties, and relationships.

(c) Apply proportional reasoning in problem solving and in discovering mathematical concepts. (Eff. 7/1/89)

RULE XCVI MATHEMATICS LEARNER GOALS: REASONING: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Make and test conjectures.

(b) Formulate counterexamples.

(c) Follow logical arguments and judge the validity of arguments.

(d) Construct simple valid arguments.

(2) Students with extended interests shall be able to:

(a) Construct formal proofs for mathematical assertions,

including indirect proofs and proofs by mathematical induction. (Eff. 7/1/89)

RULE XCVII NUMERATION, COMPUTATION, AND ESTIMATION LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) The end of the primary level the student shall have had the opportunity to:

(a) Understand and construct number meanings through real world experiences and physical materials.

(b) Demonstrate understanding of our numeration system by relating counting, grouping, and place value concepts.

(c) Understand and apply the operations of addition, subtraction, and multiplication of whole numbers.

(d) Demonstrate an intuitive understanding of division of whole numbers.

(e) Model, explain, and demonstrate proficiency with basic facts, algorithms, and mental arithmetic techniques.

(f) Apply estimation strategies to working with quantities, measurement, computation, and problem solving.

(g) Use estimation to determine reasonableness of results

(h) Use inverse operations and other mathematical relationships to solve number sentences.

(i) Demonstrate the meanings of familiar fractions, mixed numbers, and decimals to tenths.

(j) Use models to relate fractions to decimals, find equivalent fractions, and demonstrate the operations with decimals. (Eff. 7/1/89)

RULE XCVIII NUMERATION, COMPUTATION, AND ESTIMATION LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Represent and use equivalent forms of numbers (fraction, decimal, percent, exponential, and scientific notation) in real world and mathematical situations.

(b) Apply relationships between fractions, decimals, and percents.

(c) Apply ratio, proportion, and percent.

(d) Represent numerical relationships in one- and two-dimensional graphs.

(e) Demonstrate operations, order relations, and number sense for whole numbers, fractions, decimals, and integers.

(f) Apply basic number theory concepts.

(g) Analyze, explain, and use procedures for addition, subtraction, multiplication, and division of whole numbers.

(h) Select and use an appropriate method for computing from among mental arithmetic, paper and pencil, calculator, and computer.

(i) Analyze, explain, and use estimation techniques.

(j) Use estimation to check reasonableness of results. (Eff. 7/1/89)

RULE XCIX NUMERATION, COMPUTATION, AND ESTIMATION LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation a student shall have had the opportunity to:

(a) Compare and contrast the real number system and its various subsystems.

(2) Students with extended interests shall have the opportunity to:

(a) Understand and apply the operations with complex numbers. (Eff. 7/1/89)

RULE C MEASUREMENT LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Understand measurable attributes, the concept of a unit, and the process of measuring.

(b) Apply measurement skills to everyday situations. (Eff. 7/1/89)

RULE CI MEASUREMENT LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Estimate, make and use measurements to describe, compare, or contrast objects in real world situations.

(b) Select appropriate units and tools to measure to a level of accuracy required in a particular setting.

(c) Use the customary and metric systems of measurement.

(d) Demonstrate the concepts of perimeter, area, and volume through concrete experiences.

(e) Apply procedures and formulas to determine area and volume. (Eff. 7/1/89)

RULE CII GEOMETRY LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Describe, model, and classify shapes.

(b) Investigate and predict results of combining, subdividing, and changing shapes.

(c) Identify lines of symmetry, congruent and similar shapes, and positional relationships. (Eff. 7/1/89)

RULE CIII GEOMETRY LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Identify, describe, construct, and compare plane and solid geometric figures.

(b) Understand geometric relationships and their consequences.

(c) Demonstrate an intuitive understanding of transformational geometry.

(d) Use geometry to describe the physical world. (Eff. 7/1/89)

RULE CIV GEOMETRY FROM A SYNTHETIC PERSPECTIVE LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation a student shall have had the opportunity to:

(a) Represent problems with geometric models and apply properties of figures.

(b) Classify figures in terms of congruence and similarity and apply these relationships.

(c) Deduce properties of, and relationships between, figures from given assumptions.

(d) Use the computer as a tool to investigate geometric concepts.

(2) Students with extended interests shall have the opportunity to:

(a) Understand an axiomatic system and investigate and compare various geometries (e.g., non-Euclidean and finite). (Eff. 7/1/89)

RULE CV GEOMETRY FROM AN ALGEBRAIC PERSPECTIVE LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Translate between synthetic and coordinate representations.

(b) Deduce properties of figures using transformations and coordinates.

(2) Students with extended interests shall have the opportunity to:

(a) Analyze properties of Euclidean transformations, relate translations to vectors, and deduce properties of figures using vectors. (Eff. 7/1/89)

RULE CVI STATISTICS AND PROBABILITY LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Collect, organize, and display data.

(b) Use data to make and check predictions.

(c) Demonstrate the basic concept of probability. (Eff. 7/1/89)

RULE CVII STATISTICS AND PROBABILITY LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Systematically collect, organize, and describe data.

(b) Construct, read, and interpret tables, charts, and graphs such as stem-leaf, line, and box-whisker plots.

(c) Draw inferences and construct and evaluate arguments based on data analysis.

(d) Devise and carry out simulations involving probability.

(e) Construct sample spaces and determine the theoretical and experimental probabilities of events.

(f) Make predictions based on experimental results or mathematical probabilities. (Eff. 7/1/89)

RULE CVIII STATISTICS AND PROBABILITY LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Use curvefitting to make predictions from data.

(b) Apply measures of central tendency and understand the concepts of variability and correlation.

(c) Design a statistical experiment to study a problem and communicate the outcomes.

(d) Differentiate between biased and unbiased sampling and valid and invalid reasoning in statistical arguments.

(e) Use the computer as a tool for statistical analysis.

(f) Use experimental probability, theoretical probability, and simulation methods to represent and solve problems.

(g) Apply properties of probability distributions.

(2) Students with extended interests shall have the opportunity to:

(a) Deduce generalizations about the effects of data transformations on measures of central tendency and variability.

(b) Select an appropriate sampling method for a given statistical analysis.

(c) Test hypotheses using appropriate statistics.

(d) Apply random variables to generate and interpret probability distributions. (Eff. 7/1/89)

RULE CVIX ALGEBRA LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Use the concepts of variable, expression, and equation.

(b) Represent concrete situations and number patterns with tables, graphs, verbal rules, and equations.

(c) Analyze tables and graphs to identify properties and relationships.

(d) Solve linear equations using concrete, informal, and formal methods.

(e) Use models to demonstrate inequalities and non-linear equations.

(f) Use calculators and computers to explore algebraic concepts. (Eff. 7/1/89)

RULE CX ALGEBRA LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Represent problems with expressions, equations, and inequalities.

(b) Solve equations and inequalities.

(c) Use tables, graphs, and computers as tools to investigate algebraic concepts.

(2) Students with extended interests shall have the opportunity to:

(a) Use matrices to represent and solve problems.

(b) Apply techniques based on the theory of equations and computer based numerical methods. (Eff. 7/1/89)

RULE CXI FUNCTIONS LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation a student shall have had the opportunity to:

(a) Represent and analyze functions and relations using tables, rules, and graphs.

(b) Analyze the effects of parameter changes on the graphs of functions.

(c) Determine maximum and minimum points of a graph and interpret the results.

(d) Investigate the concept of limit.

(2) Students with extended interests shall:

(a) Perform operations on and apply the properties of functions.

(b) Understand the conceptual foundations of limit, area under a curve, rate of change, and slope of a tangent line and their applications in other disciplines.

(c) Analyze the graphs of polynomial, rational, radical, and transcendental functions. (Eff. 7/1/89)

RULE CXII TRIGONOMETRY LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation a student shall have had the opportunity to:

(a) Apply trigonometry to problems involving right triangles.

(2) Students with extended interests shall:

(a) Demonstrate the connection between trigonometric and circular functions.

(b) Use circular functions to model periodic phenomena.

(c) Apply general graphing techniques to trigonometric functions.

(d) Solve trigonometric equations and verify trigonometric identities.

(e) Demonstrate the connections among trigonometric functions, polar coordinates, and complex numbers. (Eff. 7/1/89)

RULE CXIII DISCRETE MATHEMATICS LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Use discrete structures such as finite graphs, sequences, and series.

(b) Solve enumeration and finite probability problems.

(2) Students with extended interests shall:

(a) Solve problems using linear programming and difference equations.

(b) Develop and analyze algorithms.

(c) Investigate problems in computer validation and application of algorithms. (Eff. 7/1/89)

RULE CXIV MATHEMATICS PROGRAM DEVELOPMENT (In accordance with Rules III and XXXIII) (1) The school district shall develop and evaluate a mathematics curriculum according to the standards for all program areas.

(2) The school district shall recognize the importance of technology as a tool for mathematics instruction. This technology may include but is not limited to computer systems, calculators, and other resources. (Eff. 7/1/89)

Sub-Chapter 15
Science: Learner Goals

Science is a creative process used to investigate natural phenomena, resulting in the formation of theories verified by directed observations. These theories are challengable and changeable. Data used to support or contradict them must be reproducible.

Although science as a body of knowledge is ever changing, the processes of science are constant. In scientific procedure a problem is identified, pertinent data is gathered, an hypothesis is formulated, experiments are performed, the results are interpreted, and conclusions are drawn.

Science education strengthens students' basic investigative skills and fosters their understanding of and interest in the world. They acquire and apply critical thinking and problem solving skills and information critical to survival in a technological society.

RULE CXV SCIENCE PROGRAM (In accordance with Rules III and XXXIII) (1) A basic program in science gives students the opportunity to:

(a) Use scientific processes and communicate how they are used to develop scientific knowledge.

(b) Develop the use of science skills to enhance his/her ability to think logically, critically, and creatively.

(c) Recognize that scientific knowledge is continually subject to review, verification, and revision.

(d) Gather reliable information in all areas of the sciences, using chemicals, laboratory equipment and hands-on activities safely and appropriately.

(e) Show competence in measurement and mathematics.

(f) Gain and convey information through oral, written, and graphic communication.

(g) Recognize the character of independent and dependent variables.

(h) Understand the core concepts of current scientific knowledge and use them in problem solving and decision making.

(i) Identify problems of individual or social importance and select and apply appropriate scientific techniques to investigate these problems.

(j) Understand the interactions of science, technology, and society.

(k) Explore the use of science-related skills effectively in careers, leisure activities, and lifelong learning. (Eff. 7/1/89)

RULE CXVI GENERAL SCIENCE LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Show confidence in his/her ability to learn science.

(b) Examine his/her environment using the five senses; recognize the limits of sensory perception.

(c) Convey information through the use of oral, written, and graphic communication.

(d) Group objects or events according to their observed characteristics.

(e) Suggest explanations for events based on observation.

(f) Predict possible results based upon past experiences.

(g) Measure and order properties of objects or events using standardized units of measure.

(h) Be aware of spatial relationships by describing an object's position in relation to other objects.

(i) Perform experiments to test hypotheses under controlled conditions with limited variables.

(j) Cite ways that science and technology have changed people's lives.

(k) Recognize that scientists and technicians are people with interesting jobs.

(l) Properly care for living organisms and show respect for life and property.

(m) Be aware of the need for conservation, preservation, and the wise use of natural resources. (Eff. 7/1/89)

RULE CXVII GENERAL SCIENCE LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Develop a positive attitude toward science.

(b) Use basic scientific skills to solve problems and answer questions about the environment.

(c) Work independently and in groups in the classroom, laboratory, and in the field.

(d) Identify and state a problem and use scientific processes to resolve it.

(e) Use tools and equipment for observations and measurement in a safe and appropriate manner.

(f) Gather and convey information through oral, written, and graphic communication.

(g) Be aware of the basic concepts in the life, physical, earth, and environmental sciences.

(h) Be aware of careers in the sciences and the skills needed for jobs in science-related fields.

(i) Cite and investigate scientific and technological issues which affect our lives.

(j) Properly care for living organisms and show respect for life and property.

(k) Be aware of the need for conservation, preservation, and the wise use of natural resources. (Eff. 7/1/89)

RULES CXVIII LIFE SCIENCE LEARNER GOALS: INTERMEDIATE

(In accordance with Rules III and XXXIII) (1) A course of study in life science, offered at the intermediate level, shall give the student the opportunity to:

(a) Appreciate all living things and their relationships to one another and the environment.

(b) Observe, describe, compose, conclude, infer, and record from classroom, laboratory, and field experiences.

(c) Be aware of some of the contributions of scientists working in life science and of careers in life science.

(d) Demonstrate knowledge of kingdoms of living things and their basic characteristics, functions, diversity, and economic importance.

(e) Understand levels of biological organizations, growth and development.

(f) Demonstrate knowledge of reproductive processes, genetics, and heredity of living things.

(g) Demonstrate knowledge of local flora and fauna.

(h) Demonstrate knowledge and understanding of human growth and development, including the nine body systems and their functions, heredity and population genetics, behavior, and social and emotional growth.

(i) Be familiar with laboratory tools and techniques used in life science.

(j) Understand the interdependence of biological systems as they affect social issues. (Eff. 7/1/89)

RULE CXIX PHYSICAL SCIENCE LEARNER GOALS: INTERMEDIATE

(In accordance with Rules III and XXXIII) (1) A course of study in physical science, offered at the intermediate level, shall give the student the opportunity to:

(a) Understand and use basic measurements in science, including charting, graphing, and interpreting measurable data.

(b) Design and carry out experiments that demonstrate physical and chemical changes.

(c) Identify physical and chemical characteristics of various types of matter.

(d) Understand and explain models of atoms, molecules, compounds, and mixtures.

(e) Understand physical, chemical, and nuclear changes using the laws of conservation of matter and energy.

(f) Understand the basic characteristics of light, sound, and mechanical waves.

(g) Understand the scientific principles and technological applications of the laws of motion.

(h) Understand the interrelationships of solar and galactic systems and of the earth-moon-sun system.

(i) Demonstrate a workable knowledge of electricity and electronics and understand their importance to our human environment.

(j) Apply basic physical and chemical principles to describe changes in common substances and devices.

(k) Understand the effects of science and technology on humans and the environment.

(l) Be aware of careers in the physical sciences. (Eff. 7/1/89)

RULE CXX GENERAL SCIENCE LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Make quantitative and qualitative observations to accumulate and evaluate data.

(b) Classify objects and events based on observable similarities and differences of selected properties.

(c) Suggest explanations, reasons, or causes for events which have occurred, test them with additional observations or data, and establish the reality of the inferences.

(d) Make predictions based on prior observations, inferences, or experiments.

(e) Describe or compare objectives and events using quantitative measurement.

(f) Communicate data obtained from observations using graphs, charts, pictures, and other types of media.

(g) Use processes such as classification, prediction, inference, and communication to interpret data.

(h) Identify problems or questions and state hypotheses which can be tested.

(i) Perform experiments to test hypotheses under controlled conditions with limited variables.

(j) Construct and interpret models, using them to describe and explain relationships of ideas; understand their limitations.

(k) Recognize the processes of change, such as in weather systems, life cycles, evolution, chemical and physical changes, and the transformation of energy.

(l) Be aware of the processes of equilibrium, such as physical cycles, ecosystems, homeostasis, chemical equilibria, rates of reaction, and the laws of motion.

(m) Cite the interrelationships among living and nonliving things and their environment.

(n) Explain the organization of the physical and biological environment and the systems designed to describe them.

(o) Demonstrate a knowledge of the effects of time and space on the environment's biological and physical properties.

(p) Be aware of the diversity, variation, and constancy among living things and within the earth's physical and biological spheres.

(q) Properly care for living organisms and show respect for life and property.

(r) Be aware of the need for conservation, preservation, and the wise use of natural resources. (Eff. 7/1/89)

RULE CXXI EARTH SCIENCE LEARNER GOALS (In accordance with Rules III and XXXIII) (1) If offered, a course of study in earth science shall give the student the opportunity to:

(a) Understand the basic concepts of each science, including astronomy, geology, oceanography, and paleontology.

(b) Understand the basic motions in the solar system and how they affect the earth's environment.

(c) Understand the earth's history through the rock and fossil record and scientific dating methods.

(d) Understand the earth's tectonic and structural forces.

(e) Understand the earth's internal and surface processes, including weathering, erosion, volcanism, and deformation.

(f) Understand the use of aerial photos, topographic and geologic maps, and survey systems.

(g) Understand the earth's composition, including rocks and minerals.

(h) Understand the physical and compositional changes of the earth's weather and climate.

(i) Understand the oceans and their characteristics and development.

(j) Understand surface water and ground water systems.

(k) Understand that the flow of energy is basic to all earth science disciplines.

(l) Use the tools and methods employed by earth scientists, through field and laboratory experiences.

(m) Demonstrate how earth science relates to careers, personal uses, and social needs. (Eff. 7/1/89)

RULE CXXII BIOLOGY LEARNER GOALS (In accordance with Rules III and XXXIII) (1) If offered, a course of study in biology shall give the student the opportunity to:

(a) Use scientific methods to investigate biological phenomena.

(b) Relate field experiences to an understanding of ecological principles.

(c) Use microscopes, balances, and other biological instruments.

(d) Apply biological principles to situations in daily life.

(e) Understand the characteristic processes which define life.

(f) Understand the relationship between organic compounds and the physiological needs of living organisms.

(g) Understand the relation and interdependence of cell respiration and photosynthesis to food chains.

(h) Understand the concept of hemostasis in cells, individuals, populations, communities, and ecosystems.

(i) Understand cellular transport, cell structure, and cell functions.

(j) Understand sexual and asexual reproduction and their relationship to ecological balances.

(k) Understand heredity and the application of modern technology in medical genetics.

(l) Understand the structure of DNA, its relationship to protein synthesis, and its role in living systems.

(m) Understand the theory of evolution and its relationship to adaptation and speciation.

(n) Categorize organisms representing the various kingdoms according to phyla.

(o) Understand the relationship between structure and function as they relate to living things.

(p) Trace the development of the major life functions through the various kingdoms.

(q) Understand the importance of microbes and their relationship to other organisms.

(r) Understand the importance of current issues in biology.

(s) Be aware of careers in biology.

(t) Use appropriate safety techniques when handling chemicals, equipment, and organisms. (Eff. 7/1/89)

RULE CXXIII CHEMISTRY LEARNER GOALS (In accordance with Rules III and XXXIII) (1) If offered, a course of study in chemistry shall give the student the opportunity to:

(a) Be competent in laboratory skills, including setting up equipment and using materials and chemicals safely.

(b) Understand atomic structure and periodicity.

(c) Understand the phases and properties of matter, including solids, liquids, and gases.

(d) Understand the mole concept and stoichiometry and demonstrate their practical use in the laboratory.

(e) Understand bonding and energy relationships.

(f) Use formulas and equations competently.

(g) Understand acids, bases, solubility, and chemical equilibrium.

(h) Understand the basic principles of thermodynamics and kinetics.

(i) Understand oxidation and reduction.

(j) Understand basic organic, nuclear, and radiochemistry.

(k) Understand the role of chemistry in society and technology.

(l) Be able to apply chemistry principles to situations in daily life.

(m) Be aware of careers in chemistry and related fields. (Eff. 7/1/89)

RULE CXXIV PHYSICS LEARNER GOALS (In accordance with Rules III and XXXIII) (1) If offered, a course of study in physics shall give the student the opportunity to:

(a) Solve problems in physics, using mathematics and critical thinking skills.

(b) Collect, analyze, and interpret physical data.

(c) Use the appropriate instruments to measure physical quantities in a laboratory setting.

(d) Understand the historic, social, and scientific events that contributed to the development of physics.

(e) Understand that physics is a dynamic field in which concepts change as new data and new relationships are discovered.

(f) Understand the character and central role of conservation principles such as momentum, energy, and electric charge.

(g) Cite similarities and differences of wave and particle phenomena in nature.

(h) Demonstrate a basic knowledge of modern physics concepts such as relativistic effects, nuclear radioactivity, and wave-particle duality.

(i) Understand the basic principles of electricity and magnetism and their application to common occurrences.

(j) Cite accepted explanations for common terrestrial and celestial observations, using the laws of motion.

(k) Understand that the flow of energy is basic to all physical phenomena.

(l) Understand the basic concepts of geometric and physical optics.

(m) Understand the basic character of heat, temperature, and internal (thermal) energy.

(n) Evaluate the impact of discoveries in physics.

(o) Be aware of careers in physics and related fields.

(p) Understand the importance of physics in current social issues and its application to the other sciences.

(q) Be able to apply physics principles to situations in daily life. (Eff. 7/1/89)

RULE CXXV SCIENCE PROGRAM DEVELOPMENT (In accordance with Rules III and XXXIII) (1) The science curriculum shall be developed and evaluated according to the standards for all program areas.

(2) Elementary school science instruction shall include hands-on, investigative classroom activities and field experiences on a regular basis.

(3) Laboratory class size shall be limited for safety purposes. The number of students shall be determined through consultation with the teacher, considering the number, size and use of laboratory stations.

(4) Care shall be taken to ensure that laboratory activities are reasonably safe and under the constant supervision of an appropriately endorsed instructor.

(5) Chemicals shall be stored in a separate storeroom and according to reactive compatibilities. Flammable materials shall be stored with exhaust-only ventilation.

(6) All science classrooms shall be in compliance with the Montana Indoor Clean Air Act.

(7) All science classrooms shall have the proper safety

equipment. For example, a chemistry laboratory should have a fire alarm, fire blanket, appropriate fire extinguisher(s), eye wash, goggles, and one-sided aprons. Gas supplies serving science laboratories shall have a master shut-off valve that is readily accessible to the instructor or instructor in charge. Electrical outlets must be ground-faulted. (Eff. 7/1/89)

Sub-Chapter 16
Social Studies: Learner Goals

Social studies draws on the social sciences (economics, political science, geography, sociology, anthropology, psychology) and the humanities (history, literature, the arts, and philosophy). The social studies cover United States studies, global studies, and the social science disciplines.

RULE CXXVI SOCIAL STUDIES PROGRAM (In accordance with Rules III and XXXIII) (1) A basic program in social studies gives the student an opportunity to:

(a) Participate in meaningful first-hand and hands-on learning activities that draw on experiences in the home, school, neighborhood, and the world.

(b) Participate in committee work, role playing, creative drama, classroom discussion, and interviews.

(c) Develop research skills, which may include the gathering and recording of information from a variety of sources such as films, pictures, oral and written literature, music, and field trips.

(d) Develop citizenship skills through sharing, acceptance of responsibility, cooperative learning, compromising, conflict resolution, and decision making.

(e) Enhance his/her communication skills through drawing, acting, reading, writing, listening, and speaking.

(f) Use topics that engage his/her interests and extend personal context for learning to a global realm. Learning activities are varied and involve the student intellectually, socially, and physically.

(g) Nurture an understanding of the contemporary and historical traditions and values of Native American cultures and other minority cultures of significance to Montana and to society. (Eff. 7/1/89)

RULE CXXVII HISTORY AND WORLD CULTURE LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Begin to identify cultural characteristics such as social traditions, art forms, and language.

(b) Demonstrate some basic knowledge about important chronological events in local, state, national, and world history.

(c) Begin to provide examples of economic, cultural, political, and technological developments which have contributed to human progress.

(d) Begin to identify individuals who played historical roles. (Eff. 7/1/89)

RULE CXXVIII HISTORY AND WORLD CULTURE LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Explain how technology, economic activities, and learned patterns of behavior, such as prejudice, discrimination, conformity, and acceptance, influence culture.

(b) Demonstrate knowledge of the dynamics of preindustrial, transitional, industrial, and postindustrial societies.

(c) Explain how the characteristics of culture are manifested in history, economics, government, arts, sciences, and religion.

(d) Detail how invention, diffusion, and adaptation influence cultural change.

(e) Explain the biological, affectional, economic, and social functions of families.

(f) Demonstrate a knowledge of Montana history and of the state's diverse cultures. (Eff. 7/1/89)

RULE CXXIX HISTORY AND WORLD CULTURE LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Discuss the influence of social movements on the state, the nation, and the world.

(b) Analyze contemporary world issues in order to make decisions governing one's own personal life.

(c) Apply knowledge of history in determining plans of action for current and future concerns.

(d) Use his/her understanding of local, national, and world culture in addressing modern social problems. (Eff. 7/1/89)

RULE CXXX LAW AND LEGAL RIGHTS LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) List some of the basic characteristics of the U.S. Constitution.

(b) Explain some of the freedoms contained in the Bill of Rights.

(c) Understand the basic functions of the U.S. government.

(d) Begin to identify different levels of government, such as city, county, state, tribal, and federal government.

(e) Explain some of the basic sources of law, such as congress and state legislatures.

(f) List basic public services provided by government.

(g) Experience involvement in his/her community through active participation in a community group. (Eff. 7/1/89)

RULE CXXXI LAW AND LEGAL RIGHTS LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) List the functions of the three branches of government.

(b) Explain the need for and function of separation of powers and checks and balances.

(c) List the individual rights protected by the first ten amendments to the U.S. Constitution.

(d) Give reasons why the Bill of Rights was added to the Constitution.

(e) Explain how constitutional change is made.

(f) Discuss the characteristics of federalism.

(g) Identify how laws emanate from various authorities.

(h) Explain the difference between civil and criminal law.

(i) Discuss the importance of judicial review.

(j) Explain the need for and provision of due process of law.

(k) Discuss the fundamental principles of American democracy.

(l) Continue his/her involvement in community groups, organizations, or services. (Eff. 7/1/89)

RULE CXXXII LAW AND LEGAL RIGHTS LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation students shall have had the opportunity to:

(a) Participate in the American political process by running for office, by working on campaigns, or by voting.

(b) Make informed political decisions based on knowledge and understanding of political philosophy, constitutional doctrine, and organization of local, state, and national government.

(c) Apply an understanding of one's legal and civil rights in pursuing private and vocational endeavors. (Eff. 7/1/89)

RULE CXXXIII ECONOMICS LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Provide some basic examples of the relationship between economics and human needs.

(b) Cite some characteristics of supply and demand.

(c) List the roles of people in the division of labor.

(d) List basic economic systems, such as private enterprise and collective economies. (Eff. 7/1//89)

RULE CXXXIV ECONOMICS LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Discuss the importance of economic goals, such as growth, employment, and efficiency.

(b) Explain the causes and effects of economic problems such as scarcity, credit, and resource allocation.

(c) Detail the relationship between specialization and careers and occupations.

(d) List the basic resources of production.

(e) Explain market interrelationships, such as cost/benefit, trade-offs, and distribution of goods and services.

(f) Detail the characteristics of market and command economic systems and traditional economies. (Eff. 7/1/89)

RULE CXXXV ECONOMICS LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Understand how state and local taxes are both a product and a reflection of the economy.

(b) Use his/her mastery of economic concepts in the conduct of daily life.

(c) Make career decisions based on an understanding of the economic significance of particular vocational and professional positions. (Eff. 7/1//89)

RULE CXXXVI GEOGRAPHY LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Begin to list the basic characteristics of natural, physical, and cultural environments.

(b) Learn to explain the earth/sun relationship as an energy system.

(c) List the seasons.

(d) Explain the cause of night and day.

(e) Determine geographical location, such as position, site, and distance.

(f) Locate different cultural and physical regions.

(g) List the basic characteristics of climate.

(h) Identify the basic land forms and water bodies.

(i) Give examples of the need for and benefits of natural resource conservation.

(j) Provide examples of the influence of geography on population size and distribution.

(k) Provide examples of land use.

(l) Define habitat.

(m) List the characteristics and use of maps. (Eff. 7/1/89)

RULE CXXXVII GEOGRAPHY LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Discuss the interrelationships of environments, cultures, and weather and how people adapt to them.

(b) Explain the relationship of the earth and sun.

(c) Locate geographic positions, using latitude, longitude, strategic sites, and maritime and time zones.

(d) Detail the effects of ocean currents, wind, mountains, and other physical and climatic elements on weather.

(e) Explain the impact of geography on human settlement patterns.

(f) Detail and discuss the characteristics of Montana geography and locate critical sites. (Eff. 7/1/89)

RULE CXXXVIII GEOGRAPHY LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Demonstrate a knowledge of state, national, and world geography.

(b) Make civic, vocational, and private decisions guided by an understanding of various global environments and cultural settings.

(c) Analyze the importance of geographical implications when political and economic decisions are made. (Eff. 7/1/89)

RULE CXXXIX SOCIAL INSTITUTIONS LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Begin to identify the traits of socialization, such as psychological, individual, and group behavior.

(b) List individual responsibilities, such as honesty, tolerance, and compassion.

(c) List some of the basic social institutions, such as family, educational, and religious institutions.

(d) Identify some of the basic differences between individual values and group norms.

(e) Begin to discuss traits of interactive social processes, such as cooperation, competition, and conflict and how social roles of leadership, following, aggression, and submission affect these processes.

(f) Identify some social classes and social groups, including ethnic and minority groups.

(g) Give examples of social control, such as dependency, reward, and punishment. (Eff. 7/1/89)

RULE CXL SOCIAL INSTITUTIONS LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Discuss and give examples of the reasons for socialization.

(b) Explain how basic differences between individual values and group norms impact social problems.

(c) Explain the relationship of economics, politics, science, and religion to social institutions.

(d) List examples of social interaction, such as peer pressure, group dynamics, assimilation, and accommodation.

(e) Discuss how societies implement social control. (Eff 7/1/89)

RULE CXLI SOCIAL INSTITUTIONS LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Understand and appreciate diverse worldwide social institutions.

(b) Determine how current environmental, economic, and political changes affect various social changes throughout the world. (Eff. 7/1/89)

RULE CXLII CRITICAL THINKING, PROBLEM SOLVING, AND DECISION MAKING LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Classify information by sequence and in groups.

(b) Interpret information by stating relationships, noting cause and effect, drawing inferences, and predicting outcomes.

(c) Analyze information by organizing key ideas, separating major components, examining relationships, detecting bias, and comparing and contrasting ideas.

(d) Summarize information by restating major ideas and forming opinions.

(e) Synthesize information by communicating orally and in writing.

(f) Evaluate information by using criteria such as source, objectivity, and technical correctness.

(g) Apply decision making skills by securing needed factual information, recognizing values, identifying alternative courses and consequences, and taking action. (Eff. 7/1/89)

RULE CXLIII CRITICAL THINKING, PROBLEM SOLVING, AND DECISION MAKING LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Summarize information by combining critical concepts into a statement of conclusions and by stating a hypothesis.

(b) Synthesize information by proposing a new plan or system and reinterpreting events in terms of what might have happened.

(c) Use social and political participation skills to communicate effectively, recognize mutual relationships, set goals, plan, organize, and make decisions; keep informed, cooperate, negotiate, compromise, and accept responsibility. (Eff. 7/1/89)

RULE CXLIV CRITICAL THINKING, PROBLEM SOLVING, AND DECISION MAKING LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Develop an ability to classify, interpret, and analyze information in the pursuit of his/her career, civic responsibilities, and economic and private endeavors.

(b) Make decisions based on summarizing data and evaluating alternatives. (Eff. 7/1/89)

RULE CXLV STUDY AND RESEARCH SKILLS LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Identify key words and ideas and summarize them.

(b) Apply research skills such as questioning and the use of library and other resources to find answers. (Eff. 7/1/89)

RULE CXLVI STUDY AND RESEARCH SKILLS LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Skim, outline, review, and take notes.

(b) Use the library and other resources for research; refine topic selection and organize and present information in written formats to verify data.

(c) Use technology appropriately, including databases. (Eff. 7/1/89)

RULE CXLVII STUDY AND RESEARCH SKILLS LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Employ research, verbal, written, and technical skills in academic, career, and private endeavors. (Eff. 7/1/89)

RULE CXLVIII SOCIAL STUDIES PROGRAM DEVELOPMENT (In accordance with Rules III and XXXIII) (1) The social studies curriculum shall be developed and evaluated according to the standards for all program areas.

(2) Students shall be encouraged to take advantage of spontaneous curiosity as it occurs in order to foster learning from current issues and events.

(3) Teachers shall recognize the effectiveness of thematic units that integrate social studies into cross-curriculum learning.

(4) Instruction in the social studies shall take advantage of out-of-classroom programs and resource people, natural and field experiences, and public service activities that enhance student learning. (Eff. 7/1/89)

Sub-Chapter 17
Vocational/Practical Arts: Learner Goals

The Vocational/Practical Arts is a program of articulated, well-planned, coordinated, and sequential experiences that prepare students for successful participation in community,

home, life, postsecondary education, and work.

The Vocational/Practical Arts include Agriculture, Business and Office Education, Home Economics and Wage-Earning Home Economics, Industrial Arts and Technology, Marketing, and Trades and Industry.

Vocational/Practical Arts serve students who want, need, and/or benefit from foundations for career planning; communication and computation skills and technical literacy; personal skills and attitudes; broad and specific occupational skills and knowledge; and employment skills, including self-employment.

RULE CXLIX VOCATIONAL/PRACTICAL ARTS PROGRAM (In accordance with Rules III and XXXIII) (1) In general a basic program in vocational/practical arts shall:

(a) Be an integral part of the education program and a complement to the academic program.

(b) Motivate students, provide exploratory experiences, and increase career planning and employment skills.

(c) Be a cooperative effort of business, industry, and schools, contributing to Montana's economic development.

(2) The program shall give students the opportunity to:

(a) Develop their vocational aptitudes to the highest level possible in order to promote success in their postsecondary living experience.

(b) Increase their abilities to function successfully in home, social, and consumer environments.

(c) Develop student leadership skills through curricular and vocational organization activities that encourage active interest in the community and in the value of good citizenship.

(d) Learn to use leisure time in a worthwhile manner.

(e) Become motivated to master academic skills and demonstrate the practical application of those skills in a working and living environment.

(f) Apply critical thinking, decision making, and problem solving skills to vocational education and occupations.

(g) Develop positive attitudes toward work, respect for quality workmanship, and effective interpersonal skills.

(h) Develop an understanding of safe, efficient, and courteous highway use as a passenger, pedestrian, cyclist, or motor vehicle operator. (Eff. 7/1/89)

RULE CL GENERAL VOCATIONAL/PRACTICAL ARTS LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Be aware of various careers open to all students without regard to gender stereotyping.

(b) Practically apply the oral and written communication skills related to vocational education.

(c) Apply introductory skills in technical literacy.

(d) Be aware of essential life and work skills, including acceptable social behavior, self-esteem, positive personal relationships, and respect for authority.

(e) Be introduced to the relationship between academic knowledge and practical application.

(f) Demonstrate introductory concepts, skills, attitudes, and values in traffic education. (Eff. 7/1/89)

RULE CLI GENERAL VOCATIONAL/PRACTICAL ARTS LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Be aware of a wide variety of careers and postsecondary experiences.

(b) Have a working knowledge of the skills, responsibilities, and applications of vocations.

(c) Build technical literacy skills.

(d) Develop a work ethic, which includes an understanding of the importance of health, time, money, and scarce resource management to life and work.

(e) Understand and appreciate the values of cooperation and a positive attitude in the world of work and an appreciation for quality workmanship.

(f) Demonstrate the relationship between academic knowledge and practical application.

(g) Consistently demonstrate basic concepts, skills, attitudes, and values in traffic education. (Eff. 7/1/89)

RULE CLII GENERAL VOCATIONAL/PRACTICAL ARTS LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Assess the labor market for information essential to career decisions based on personal interests, ability, and aptitude.

(b) Show and use oral and written communication through work-related activities or simulations and apply the process of evaluation.

(c) Apply decision making and critical thinking skills through work.

(d) Integrate academic and technological concepts; apply technical literacy skills; access and interpret technological information and project it to the future; and integrate mathematical, scientific, and technical knowledge and concepts in areas of occupational interests.

(e) Apply academic and consumer skills to manage personal/work environment.

(f) Demonstrate and assess life skills and use leadership and citizenship skills.

(g) Demonstrate employment seeking skills (job search, interview, resume, etc.)

(h) Demonstrate procedural skills necessary for entry employment in his/her occupation and an appreciation for quality work.

(i) Consistently apply appropriate traffic education concepts, skills, attitudes, and values for a lifetime of safe roadway use. (Eff. 7/1/89)

RULE CLIII PERSONAL/ADULT LIVING SKILLS LEARNER GOALS (In accordance with Rules III and XXXIII) (1) If offered, a course of study in personal/adult living skills shall give the student the opportunity to:

(a) Identify the responsibilities and privileges that characterize adulthood; recognize various roles of adults; and recognize skills and processes essential to functioning as an adult.

(b) Given a problem situation, describe how the decision would be made if each of the processes and rules of decision making were followed.

(c) Given a description of how decisions were made in allocating resources, identify principles of resource use applied in the decision.

(d) List personal motivational sources and explain how they relate to personal management.

(e) Describe the benefits of a positive self-concept.

(f) Identify lifestyle choices as they exist today.

(g) Identify and describe stages of individual development and analyze family function in relation to that stage.

(h) Identify legal and moral commitments in beginning and ending a relationship.

(i) Explain the social and psychological forces involved in mate selection.

(j) Analyze male and female roles in a marriage.

(k) Identify issues an individual and his/her future mate should discuss prior to marriage.

(l) Describe family roles, functions, and interactions.

(m) Recognize the normalcy and function of conflict in marriage and assess the resources available to help couples resolve conflict.

(n) Describe the effect of employment on family life.

(o) Interpret his/her attitude toward divorce as it will affect attitudes toward marriage.

(p) Identify several factors involved in the decision to parent.

(q) Describe child abuse and neglect; analyze causes and effects of child abuse and neglect; and identify services and legal aid available to the abused and abuser.

(r) Interpret the role patterns of foster, adoptive, and step-parents.

(s) Describe reasons for one-parent families.

(t) Describe the growth and development of infants and children.

(u) Describe the important influences on prenatal development.

(v) Identify problem behavior in children in an effort to determine the goal of misbehavior and suggest positive techniques for guiding children's behavior.

(w) Identify personal and family crises and describe resources which can help in coping with crisis.

(x) Analyze the wise use of credit.

(y) Design a budget for managing income and expenses.

(z) Identify the financial services available to manage personal income.

(aa) Appraise his/her need for life, health, auto, and property insurance.

(bb) Evaluate housing choice based on personal needs. (Eff. 7/1/89)

RULE CLIV AGRICULTURAL EDUCATION LEARNER GOALS (In accordance with Rules III and XXXIII)

Agriculture education develops entry-level knowledge, skills, attitudes, and experiences in agricultural business and production, including supplies and services and agricultural products, processing, resources, and mechanics, and horticulture or forestry. Agriculture education prepares the student for further education for self-employment or for other entry-level jobs at semi-skilled, skilled, or technical levels.

(1) If offered, a course of study in agriculture shall give the student the opportunity to:

(a) Be able to select self-employment or an appropriate career in the area of agricultural business and production, including mechanics, supplies and services, products and processes, resources, or in horticulture or forestry.

(b) Display leadership, citizenship, and cooperation developed through membership and participation in civic and vocational organizations.

(c) Demonstrate knowledge, skills, attitudes, and practical experience as determined through task analysis for self-employment or for entry-level employment, in:

(i) Basic soils management; plant growth and reproduction; field crop production, marketing, and management; range management; horticulture; and forestry.

(ii) Selection, breeding, and rearing of commercially important species of livestock; animal nutrition, health, and care; and the profitable management and marketing of livestock.

(iii) Agricultural mechanization, including safety and care of hand and power tools, welding equipment, basic electricity, basic and applied power and farm machinery.

(iv) Agricultural management, marketing, and economic principles; and business financial planning, including leasing, credit, depreciation, and machinery economics.

(v) Propagation, management, and marketing of economically important horticulture crops.

(vi) Forestry production, transportation, processing, marketing, and distribution. (Eff. 7/1/89)

RULE CLV BUSINESS AND OFFICE EDUCATION LEARNER GOALS (In accordance with Rules III and XXXIII)

Business and Office Education prepares students for directing, planning, organizing, and controlling all business and office systems and procedures. The program prepares students to use and apply the latest technologies in fulfilling their duties and responsibilities in a variety of work settings.

(1) If offered, a course of study in business and office education shall give the student the opportunity to:

(a) Demonstrate the skills needed to apply for and obtain employment in one of the appropriate occupational areas (accounting, bookkeeping, banking, data processing, office supervision and management, secretarial, typing, general office, word information processing, electronic communications, general business, and related occupations).

(b) Demonstrate knowledge of society's business economy and consumer systems.

(c) Use equipment and technology that is currently used by industry.

(d) Demonstrate the knowledge, skills, and attitudes necessary and appropriate for the business world.

(e) Adapt and adjust to the changing needs and requirements of his/her occupation and of the business world in general, using tools such as employment projections and predictions.

(f) Display leadership, citizenship, and cooperation developed through membership and participation in civic and vocational organizations.

(g) Develop an understanding of the importance of lifelong learning and continued acquisition of appropriate skills. (Eff. 7/1/89)

RULE CLVI HOME ECONOMICS AND HOME ECONOMICS WAGE EARNING LEARNER GOALS (In accordance with Rules III and XXXIII)

Home Economics education provides skills for home and family living and prepares students for home economics wage earning occupations.

Consumer and homemaking programs help students establish and maintain a successful home and family life. Students learn management, priority setting, and interpersonal relationships skills in child development, family relations, clothing and textiles, foods and nutrition, housing, and consumer education.

Wage-earning home economics provides education for gainful employment in an occupation related to home economics. Wage-earning programs are offered through secondary coursework and on-the-job experience.

(1) If offered, a course of study in home economics shall give the student the opportunity to:

(a) Be able to use skills which improve the quality of individual and family life.

(b) Apply effective strategies for his/her future roles as employee/employer and home manager.

(c) Use technology to meet personal and family needs.

(d) Use applied learning to develop transferable job skills.

(e) Develop an awareness of careers related to home economics.

(f) Understand the world of work through entrepreneurship.

(g) Understand the role of home economics and the family in economic development and worker productivity.

(h) Develop consumer competence.

(i) Develop leadership through civic and vocational organizations. (Eff. 7/1/89)

RULE CLVII PREVOCATIONAL INDUSTRIAL/TECHNOLOGY EDUCATION LEARNER GOALS (In accordance with Rules III and XXXIII)

Industrial arts and technology education includes trade and industrial education and prevocational industrial arts, now in transition to a new curricular emphasis, Technology Education. Instruction covers occupations in communication, construction, manufacturing, and power/transportation.

(1) If offered, a course of study in prevocational industrial/technology education shall give the student the opportunity to:

(a) Be able to make informed and meaningful career and education choices relating to careers in construction, manufacturing, communication, and power/transportation.

(b) Understand the importance of technology as it affects work and daily life, including the use of tools, how science and technology are related, and the ethical, sociological, and environmental issues technology has raised.

(c) Understand that technology influences the future and requires personal and occupational adjustment.

(d) Work with tools, materials, processes, and technical concepts safely and efficiently.

(e) Make wise consumer decisions. (Eff. 7/1/89)

RULE CLVIII VOCATIONAL INDUSTRIAL EDUCATION LEARNER GOALS (In accordance with Rules III and XXXIII) (1) If offered, a course of study in vocational industrial education shall give the student the opportunity to:

(a) Perform entry-level tasks and possess the skills and knowledge of current technology necessary to succeed in a trade or industrial occupation equivalent to a second-year apprentice level.

(b) Use tools and equipment safely and promote a work environment that reduces hazards.

(c) Demonstrate knowledge of the related science and math concepts and communication skills. (Eff. 7/1/89)

RULE CLIX MARKETING EDUCATION LEARNER GOALS (In accordance with Rules III and XXXIII)

Marketing education gives students the training and direct experiences needed for meaningful work and lifelong learning in wholesale and retail marketing. It prepares students to improve marketing practices; contribute to their community's economic development; and understand the value and responsibilities of entrepreneurism.

(1) If offered, a course of study in marketing shall give the student the opportunity to:

(a) Identify careers in marketing and the interests, aptitudes, personal qualities, and other information necessary to make informed career choices.

(b) Demonstrate the skills needed to successfully obtain and maintain employment in marketing occupations.

(c) Identify the basic features of the American economic system and their impact on business practices.

(d) Understand the purpose and use of marketing research.

(e) Identify the main types of business ownership and the elements needed for a successful business venture.

(f) Apply fundamental mathematics skills to problems encountered in marketing occupations.

(g) Understand how to purchase goods for resale and the terminology used by product buyers.

(h) Understand merchandise handling and inventory procedures used in businesses.

(i) Apply the elements of design and principles of arrangement to the sales promotion areas of advertising and display.

(j) Demonstrate how to satisfy customer needs through the use of selling techniques.

(k) Complete and record sales transactions accurately.

(l) Apply management theories to business situations. (Eff. 7/1/89)

RULE CLX TRAFFIC EDUCATION LEARNER GOALS (In accordance with Rules III and XXXIII) (1) Traffic education shall be an integrated K-12 curriculum that develops the concepts, skills, attitudes and values needed for a lifetime of safe, drug-free, courteous, and efficient use of roadways, as a passenger, pedestrian, bicyclist, or motor vehicle operator.

(2) If offered, a course of study in traffic education shall give the student the opportunity to:

(a) Demonstrate an awareness that one's physical, emotional, and mental health are essential to the proper use of streets and highways.

(b) Use the fundamental processes learned in earlier years.

(c) Understand how to use road maps, how to read and interpret instructions, and how to compute speed and stopping distances; understand the laws of motion.

(d) Understand that a person who can operate a vehicle safely and efficiently is a worthy family member, since American families depend on the automobile for a variety of occupational and recreational uses.

(e) Be prepared to use a motor vehicle for occupational and recreational purposes.

(f) Develop good citizenship by complying with laws; by exercising civic responsibility for improving laws through legislation; and by practicing the habits of fair play, courtesy, and maintenance of property.

(g) Understand a driver's responsibility for the safety of others and exercise a respect for road ethics and the law. (Eff. 7/1/89)

RULE CLXI VOCATIONAL/PRACTICAL ARTS PROGRAM DEVELOPMENT (In accordance with Rules III and XXXIII) (1) Vocational/practical arts curricula shall be developed and evaluated according to the standards for all program areas.

(2) The school district shall make an effort to give faculty time for preparing grant applications and funding and budgeting resources.

(3) The school district shall ensure that all programs, resources, and facilities meet applicable safety and health standards and that class size and time provide for reasonable safety and optimal use of equipment and facilities. (Eff. 7/1/89)

Sub-Chapter 18
Library/Media: Learner Goals

The pleasure of reading, viewing, and listening and the ability to use and manage information are essential for students to function in a global community.

RULE CLXII LIBRARY/MEDIA PROGRAM (In accordance with Rules III and XXXIII) (1) Library/media services bring together the resources and technology that enable a student to:

(a) Read for the sake of enjoyment and enrichment.

(b) Read, listen, and view critically.

(c) Learn effective ways to find information and material to meet his/her unique needs.

(d) Organize, analyze, and interpret information.

(e) Integrate information across content areas.

(f) Reach conclusions.

(g) Become a lifelong learner.

(2) To help students achieve learner goals, the library/media program shall:

(a) Teach library/media skills in sequence and in the context of the K-12 curriculum.

(b) Support and enrich all areas of the school program.

(c) Integrate library/media instruction across content areas.

(d) Involve students in literature and reading, with the opportunity to be advised about reading in an unstructured, informal setting.

(e) Encourage a love of reading and an appreciation of literature.

(f) Give students the opportunity to identify and meet personal information needs. (Eff. 7/1/89)

RULE CLXIII INFORMATION ACCESS LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII)

The library/media center gives students access to information and resources in a variety of formats. It helps them develop the skills needed for lifelong learning in an information-based society.

(1) By the end of the primary level the student shall have had the opportunity to:

(a) Demonstrate good library citizenship, such as caring for and returning materials, and express a sense of ownership of his/her school library/media center.

(b) Be aware of the library catalog and possess the beginning skills to identify and locate print and nonprint materials.

(c) Know what reference means and that there are sources for reference; have beginning skills to use references such as dictionaries and encyclopedias.

(d) Translate information from print and nonprint resources.

(e) Conduct research by selecting a topic and finding information on that topic.

(f) Identify people in the community as sources of information. (Eff. 7/1/89)

RULE CLXIV INFORMATION ACCESS LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have been given the opportunity to:

(a) Be aware of the types of libraries and of the unique nature of libraries in a free society.

(b) Locate materials which fulfill assignments and satisfy personal interests.

(c) Be aware of types of basic reference sources (encyclopedias, dictionaries, almanacs, atlases, periodical indexes, subject encyclopedias, subject dictionaries and data bases).

(d) Gather, analyze, select, and use materials.

(e) Select a topic, find a variety of information sources on that topic, summarize, paraphrase, evaluate, synthesize, and present the information in a new form while citing sources.

(f) Identify sources of information in the community. (Eff. 7/1/89)

RULE CLXV INFORMATION ACCESS LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Understand and appreciate the role of information in a free society.

(b) Access print and nonprint materials effectively and efficiently for individual and group needs.

(c) Identify, locate, and use basic and specialized reference sources and data bases.

(d) Apply critical thinking and problem solving skills in selecting, evaluating, and using information.

(e) Identify community resources and access information networks and other resource centers. (Eff. 7/1/89)

RULE CLXVI INFORMED AND CREATIVE USE OF MEDIA AND TECHNOLOGY LEARNER GOALS: PRIMARY (see also "Communication Arts" program standards) (In accordance with Rules III and XXXIII)

The library/media center enables students to develop as critical leaders and viewers and to use technology to express ideas.

(1) By the end of the primary level the student shall have had the opportunity to:

(a) Know that information can be delivered by a variety of technologies.

(b) Be able to use technology for the creative expression of ideas.

(c) Know the difference between factual and imaginary.

(d) Understand that a variety of people, such as authors, illustrators, publishers, are involved in the creation and production of books and other media. (Eff. 7/1/89)

RULE CLXVII INFORMED AND CREATIVE USE OF MEDIA AND TECHNOLOGY LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Request information in a variety of formats and from a variety of technologies; select formats appropriate for his/her learning style.

(b) Use technology for the creative expression of ideas.

(c) Begin to evaluate appropriate print and nonprint media for accuracy, relevance, and bias.

(d) Appreciate aesthetically a variety of media.

(e) Understand that many people, such as authors, illustrators, and publishers, collaborate in the production of books and other media and own the material through copyrights. (Eff. 7/1/89)

RULE CLXVIII INFORMED AND CREATIVE USE OF MEDIA AND TECHNOLOGY LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student

shall have had the opportunity to:

(a) Select materials in a variety of formats, delivered by a variety of technologies.

(b) Use technology for the creative expression of ideas.

(c) Evaluate appropriate print and nonprint media for accuracy, relevance, and bias.

(d) Appreciate aesthetically a variety of media.

(e) Use information legally and ethically. (Eff. 7/1/89)

Appreciation and Enjoyment of Literature

For integral learner goals in the literary arts, see the "Communication Arts" and "Fine Arts" program areas.

RULE CLXIX LIBRARY/MEDIA PROGRAM DEVELOPMENT (In accordance with Rules III and XXXIII) (1) The library/media program shall be developed and evaluated according to the standards for all program areas.

(2) The library/media program shall have a collection development policy.

(3) The school shall cooperate with other libraries through resource sharing.

(4) Each school shall have a centralized library/media collection that includes print and nonprint materials that are readily accessible to students and staff. The collection shall be:

(a) Selected by professionals to meet the learner goals, curricular needs, and student recreational needs.

(b) Culturally diverse.

(c) Centrally based, inventoried, and catalogued.

(d) Sufficient to meet the professional needs of the staff.

(e) Current and adequate to meet the learner goals, curricular requirements, and recreational needs of the students. (Eff. 7/1/89)

Sub-Chapter 19
Guidance: Learner Goals

Students of all ages must make many choices that affect their lives, now and in the future. Comprehensive guidance programs are a way to serve the divergent and changing needs of students.

The student is the focus and purpose of a K-12 guidance program, and all students should benefit from it. Through all levels and in all areas, students shall continue to build upon previous learner goals. Also, because citizenship skills are important to personal and social development, see "Social Studies" program standards.

RULE CLXX DEFINITION (In accordance with Rules III and XXXIII) (1) Guidance counseling is the specific educational

service that helps individual students develop their personal, social, educational, and career/life planning skills. (Eff. 7/1/89)

RULE CLXXI GUIDANCE: PERSONAL DEVELOPMENT LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had an opportunity to:

(a) Develop a positive self-image, personal initiative, and physical independence.

(b) Experience security in his/her school environment.

(c) Be able to identify and express feelings.

(d) Develop decision making skills and accept responsibility for his/her decisions. (Eff. 7/1/89)

RULE CLXXII GUIDANCE: PERSONAL DEVELOPMENT LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to develop:

(a) A sense of conscience, morality, personal value, and self-worth.

(b) A positive and realistic self-concept.

(c) An acceptance of sexuality and physical image.

(d) Self-direction and independence.

(e) Appropriate ways to express feelings.

(f) Strong decision making skills and an acceptance of responsibility for his/her decisions. (Eff. 7/1/89)

RULE CLXXIII GUIDANCE: PERSONAL DEVELOPMENT LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation a student shall have had the opportunity to:

(a) Develop personal independence as a responsible adult.

(b) Identify and use resources that help him/her cope successfully with life's complexities. (Eff. 7/1/89)

RULE CLXXIV GUIDANCE: SOCIAL DEVELOPMENT LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Share experiences and manage school, family and social concerns.

(b) Develop a sense of belonging.

(c) Understand and appreciate the rights of others.

(d) Understand that other people have feelings. (Eff. 7/1/89)

RULE CLXXV GUIDANCE: SOCIAL DEVELOPMENT LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Gain a sense of social recognition.

(b) Have the opportunity to establish close peer relationships.

(c) Recognize and respect the fact that different people have different values and systems of values. (Eff. 7/1/89)

RULE CLXXVI GUIDANCE: SOCIAL DEVELOPMENT LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Develop a sense of responsibility to self, others, and society.

(b) Use abilities and skills in establishing and maintaining family, peer, and community relationships. (Eff. 7/1/89)

RULE CLXXVII GUIDANCE: EDUCATIONAL DEVELOPMENT LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Realize the meaning and value of learning. (Eff. 7/1/89)

RULE CLXXVIII GUIDANCE: EDUCATIONAL DEVELOPMENT LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to develop:

(a) Skills with which to form goals.

(b) An awareness of the need for lifelong learning.

(c) Motivation for achievement of personal goals. (Eff. 7/1/89)

RULE CLXXIX GUIDANCE: EDUCATIONAL DEVELOPMENT LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation a student shall have had the opportunity to:

(a) Formulate and attain realistic long-term goals.

(b) Strengthen his/her awareness of the need for lifelong learning. (Eff. 7/1/89)

RULE CLXXX GUIDANCE: CAREER DEVELOPMENT LEARNER GOALS: PRIMARY (In accordance with Rules III and XXXIII) (1) By the end of the primary level the student shall have had the opportunity to:

(a) Understand the nature and values of occupations at home, school, and within the community.

(b) Develop an awareness of his/her emerging interests and talents and their relationship to occupations. (Eff. 7/1/89)

RULE CLXXXI GUIDANCE: CAREER DEVELOPMENT LEARNER GOALS: INTERMEDIATE (In accordance with Rules III and XXXIII) (1) By the end of the intermediate level the student shall have had the opportunity to:

(a) Assess individual values, interests, aptitudes, and abilities and their relationship to career development.

(b) Increase his/her understanding of the components of career planning.

(c) Begin in-depth exploration of career fields and specific occupations. (Eff. 7/1/89)

RULE CLXXXII GUIDANCE: CAREER DEVELOPMENT LEARNER GOALS: UPON GRADUATION (In accordance with Rules III and XXXIII) (1) Upon graduation the student shall have had the opportunity to:

(a) Use career guidance information and resources to plan for postsecondary education, vocational training, and/or work. (Eff. 7/1/89)

RULE CLXXXIII GUIDANCE PROGRAM DEVELOPMENT (In accordance with Rules III and XXXIII) (1) The guidance program shall be developed and evaluated according to the standards for all program areas.

(2) The school shall ensure confidentiality and privacy for counseling and the security of guidance records. (Eff. 7/1/89)

Sub-Chapter 20
School Facilities and Records

RULE CLXXXIV SCHOOL FACILITIES (1) School facilities shall be constructed, maintained, and supervised in accordance with all applicable local, state, and national codes, regulations, and laws. [(see Appendix C).]

(2) School facilities shall be of sufficient size and arrangement to meet all programs' educational goals.

(3) The board of trustees shall provide for educational facilities which are pleasant and reasonably safe for the conduct of the educational and extracurricular activities of students, and which are accessible to all students.

(4) The school shall provide the necessary equipment for emergency nursing care and first aid.

(5) When the board of trustees considers major remodelling or building a facility, it shall seek facility expertise in all affected program areas as well as comments from faculty, students, and community.

(6) The board of trustees shall have in writing a policy that defines the use of school facilities and resources. (Eff. 7/1/89)

RULE CLXXXV STUDENT RECORDS (1) Each school shall keep a permanent file of students' records, which shall include the name and address of the student, his/her parent or guardian, birth date, academic work completed, level of achievement (grades, standardized achievement tests), immunization records as per 20-5-406 MCA, and attendance data.

(2) Student records shall be kept in a fire resistant file or vault in the school building or, for rural schools, in the county superintendent's office. The board of trustees

shall establish policies and procedures for the use and transfer of student records, which are in compliance with state and federal laws governing individual privacy.

(3) All inactive permanent records from a school that closes shall be sent to the county superintendent or the appropriate county official. (Eff. 7/1/89)

RULE CLXXXVI SPECIAL EDUCATION RECORDS (1) A separate records file shall be maintained for each student receiving special education and/or related services. As a minimum, each record will contain the materials required by federal and state special education laws.

(2) Records will be maintained in a secure and confidential manner.

(3) The board of trustees shall establish written procedures for the destruction of confidential records. Records are to be kept for a minimum of five years after termination of special education services or after age 18 or legal age. (Eff. 7/1/89)

AUTH: 20-2-114 MCA
IMP: 20-2-121 MCA

4. The Board is proposing these new rules following a year-long comprehensive review of the current accreditation standards. These rules represent the instructional component of a basic system of quality elementary and secondary schools. They were developed by the Board of Public Education, public school trustees, administrators, teachers, college faculty, legislators and citizens, following extensive group participation and statewide public hearings.

5. Interested persons may present their data, views or arguments either orally or in writing at the hearing. Written data, views, or arguments may also be submitted to Alan Nicholson, Chairperson, Board of Public Education, 33 South Last Chance Gulch, Helena, Montana 59620, no later than November 10, 1988.

6. Alan Nicholson, Chairperson, and Claudette Morton, Executive Secretary to the Board of Public Education, 33 South Last Chance Gulch, Helena, Montana, have been designated to preside over and conduct the hearing.

Alan Nicholson

ALAN NICHOLSON, CHAIRMAN
BOARD OF PUBLIC EDUCATION

BY: Claudette Morton

Certified to the Secretary of State October 3, 1988.